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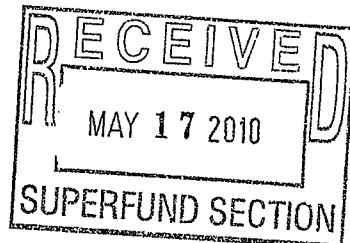
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GROUNDWATER AND SOIL SAMPLING REPORT
HANCOCK COUNTRY HAMS
3484 NC HIGHWAY 22 NORTH
FRANKLINVILLE, NORTH CAROLINA
INCIDENT # 3700

May 12, 2010

Facility Owner/Operator, and Land Owner:

Smithfield Packing Company
601 North Church Street
Smithfield, VA 23430
(757) 356-3131

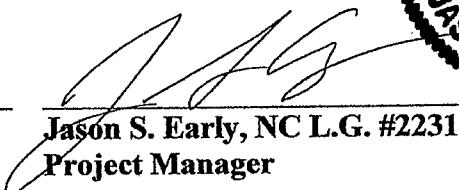


Consultant:

Environmental Alliance, Inc.
10993 S. Richardson Road, Suite 17
Ashland, VA 23005
(804) 752-3558



Matthew Richardson
Project Geologist



Jason S. Early, NC L.G. #2231
Project Manager



May 12, 2010

- *Engineering*
- *Remediation*
- *Consulting*

Ms. Ruth Debrito
Smithfield Packing Co., Inc.
601 North Church Street
Smithfield, Virginia 23430

Reference: **Groundwater Monitoring Report**
April 2010
Hancock Country Hams
3484 NC Highway 22 North
Franklinville, North Carolina
Environmental Alliance, Inc. Project # 2719

Dear Ms. Debrito:

Environmental Alliance, Inc. (Alliance) is pleased to present our report of the surface water and groundwater sampling which took place at the referenced location.

Copies of this report have been forwarded to Mr. Stephen Williams and Mr. John Walch of the North Carolina Department of Environment and Natural Resources (NCDENR), Mr. George House, and Mr. Stanford Baird. If you have any questions or require additional information, please do not hesitate to contact the undersigned at (804) 752-3558.

Sincerely,
ENVIRONMENTAL ALLIANCE, INC.

A handwritten signature in black ink, appearing to read "M. Richardson".

Matthew Richardson
Geologist

A handwritten signature in black ink, appearing to read "J. S. Early".

Jason S. Early, North Carolina L.G. #2231
Project Manager

c: Mr. Stanford Baird
 Mr. George House
 Mr. Stephen Williams, NCDENR
 Mr. John Walch, NCDENR

Attachments

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Virginia Office: 10993 S. Richardson Road, Suite 17, Ashland, VA 23005 804-752-3558 804-752-3559 Fax

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**HANCOCK COUNTRY HAMS
GROUNDWATER SAMPLING REPORT**

Site Name and Location: Hancock Country Hams
3484 NC Highway 22 North
Franklinville, North Carolina

Latitude and Longitude: 35° 46' 49" North; 79° 41' 40" West

Incident Number: 3700

Risk Classification/Reason: High
(1) A water supply well used for drinking water is located within 1,000 feet of the source area of a confirmed discharge or release.
(2) The groundwater within 500 feet of the source area of a confirmed discharge or release has the potential for future use in that there is no source of water supply other than the groundwater.

Land Use Category: Commercial/Residential

UST Owners and Responsible Parties:

1. Gwaltney of Smithfield Ltd.
601 North Church Street
Smithfield, Virginia 23430
757.356.3131
Attn. Mr. Rob Bogaard, Vice President of Operations
2. Lance, Inc.
Post Office Box 32368
Charlotte, North Carolina 28232
704.554.1421
3. Ms. Julia Hancock
3456 NC Hwy 22 N.
Franklinville, NC 27248

Current Land Owner: Smithfield Packing Co., Inc.
601 North Church Street
Smithfield, Virginia 23430
757.356.3131
Attn. Mr. Rob Bogaard, Vice President of Operations

Consultant:

Environmental Alliance, Inc.
10993 S. Richardson Road, Suite 17
Ashland, VA 23005
Attn.: Mr. Jason S. Early, P.G.
804.752.3558

Release Information:

Date Discovered:

October 1988

Cause of Release:

USTs in Pit B

UST(s) Size (gal) and Content:

- 1) 1,000 – Gasoline – Pit A
- 2) 3,000 – Gasoline – Pit B
- 3) 3,000 – Gasoline – Pit B
- 4) 1,500 – Gasoline – Pit C

Source of Release:

UST System (Pit B)

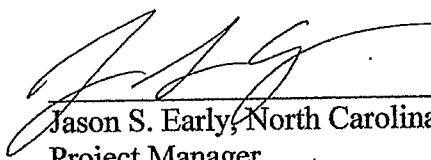
Release Amount:

Unknown

Date of Report:

May 12, 2010

Seal and Signature of Certifying Licensed Geologist



Jason S. Early, North Carolina Licensed Geologist #2231
Project Manager



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1.0 BACKGROUND

Environmental Alliance, Inc. (Alliance) has prepared this Groundwater Monitoring Report to document site monitoring activities performed during April 2010 at the former Hancock County Hams Facility (the site). The site is located on the east side of the NC Hwy 22 approximately three miles south of Grays Chapel, Randolph County, North Carolina (Figure 1). The site is located in a rural, mostly undeveloped, area. The majority of the houses in the area are located along NC Hwy 22, north and south of the site, and along Cedar Forest Road, located approximately a 1/3 mile south of the site.

Westinghouse Environmental Services reported that four USTs were installed at the site in 1971. The tanks consisted of one-1,000 gallon gasoline UST, two-3,000 gallon gasoline USTs (nested together), and one-1,500 gallon gasoline UST. The UST locations are shown in Figure 2. All of the USTs were reportedly removed in 1986. Limited soil analysis data was collected from the UST excavations. Russnow, Kane, and Andrews collected samples from the South Well (SW), Ed Rhodes well (ERW), and the block house well (BHW) in May/June 1988. Contaminants associated with petroleum and chlorides were detected in the groundwater samples. The chloride in the groundwater is believed to be from the ham curing facility which operated at the site from the mid 1950's to the mid 1970's.

In May 1989, Westinghouse Environmental Services (WES) submitted an Initial Site Assessment of the site. This assessment included the drilling of numerous soil test borings, drilling and installation of two monitoring wells and three piezometers, stream sampling, and associated sampling and analyses in the fall of 1988. The site assessment determined the location of contaminated soil and began to determine the extent of groundwater contamination. The assessment confirmed that petroleum and chloride contamination was present in the bedrock aquifer. Chlorides below the State's water quality standards (NCAC 2B) have been detected in the creek east of the site. Also during the assessment, WES removed and treated approximately 700 cubic yards of petroleum contaminated soil from the UST Pit B area.

In early 1991, Charles T. Main (CTM) was contracted to develop a remedial action plan (RAP).

Their plan was submitted to the then North Carolina Department of Environment, Health, and Natural Resources (NC DEHNR) Groundwater Section Regional Office in Winston-Salem, North Carolina on April 17, 1991. The NC DEHNR is currently the Department of Environment and Natural Resources (DENR) and will be referred to in that way in this report. The NCDENR requested additional information, and a supplemental RAP was submitted to the NCDENR on September 27, 1991. Both RAPs proposed using a pump and treat system to remediate the groundwater. The groundwater was to be pumped from seven recovery wells, treated, and discharged under an Individual NPDES permit. CTM recommended that the chloride contaminated soil be allowed to naturally remediate over time. Because of difficulties in obtaining access to discharge the effluent, in 1996, Smithfield Foods requested that the NCDENR allow the groundwater and soil be remediated through a process of natural attenuation. Following this request, on August 26, 1996, the NCDENR requested additional assessment of the site. In March 1998, a Groundwater Monitoring Report with updated sampling data was sent to the NCDENR. Upon review of the monitoring report, on May 20, 1998 the NCDENR requested additional investigation of the bedrock aquifer. A follow-up report was issued on August 23, 1999.

On October 11, 2002, the NCDENR sent Smithfield Foods a Notice of Regulatory Requirements requiring the submittal of a corrective action plan (CAP) to treat the petroleum contaminated soil and groundwater. Because chloride contaminated groundwater is commingled with the petroleum contamination, the CAP addressed both contaminants. On December 20, 2002 the CAP was submitted to NCDENR by Trigon Engineering Consultants (now Trigon/Kleinfelder). The CAP called for additional soil sampling in the UST B area, with excavation and disposal of any remaining contaminated soil. Groundwater contamination would be addressed with a pump and treat system incorporating an air stripper to treat the petroleum contamination and a reverse osmosis (RO) system to deal with elevated chloride concentrations. The December 2002 CAP was developed under tight time constraints and was, thus, based on the data from the 1999 sampling events. The CAP called for a new round of sampling and re-evaluation of the CAP requirements based on the analytical results.

Groundwater sampling of the recovery wells, monitoring wells, water wells and stream, and soil

sampling of the UST B pit area and the salt disposal area was conducted on June 12 and 13, 2003. The results of the sampling was reported to NCDENR in an October 3, 2003 Groundwater and Soil Sampling Report. On March 30, 2003 a meeting was held at the site between Smithfield Foods, Mr. Stephen Williams of NCDENR and Trigon/Kleinfelder. Based on the preliminary June 2003 sampling results and a review of the site conditions, NCDENR agreed to consider modifying the December 2002 CAP to allow remediation of remaining contamination at the site by monitored natural attenuation. The modified conditions were to be allowed only if continued monitoring indicated that the contaminant plume was stable or improving. Groundwater sampling of the recovery wells, monitoring wells, water wells and the stream conducted on October 8, 2003 confirmed that both the BTEX and chloride plumes were stable and that natural attenuation of petroleum and chloride contamination in the groundwater may be occurring.

Following a review of the groundwater sampling data from the October 2003 sampling event, the NCDENR approved Smithfield's request on November 20, 2003 to modify the December 2002 CAP to provide for natural attenuation. On February 3, 2004, Trigon/Kleinfelder submitted a CAP to modify the December 2002 CAP, which will allow the existing petroleum and chloride contaminants in the site soil and groundwater to naturally attenuate. The February 3, 2004 natural attenuation CAP was approved by the NCDENR on March 16, 2004.

2.0 PURPOSE

The February 2004 modified CAP recommended quarterly sampling of the stream, recovery and monitoring wells, and nearby water wells to monitor the size and shape of the petroleum hydrocarbon plume as well as annual monitoring of the soil in the brine disposal area.

On April 15 and 16, 2010, groundwater and surface water were collected and analyzed to assess the current state; i.e. size and concentrations of the hydrocarbon and chloride plumes. It is the purpose of this report to present the results of the groundwater and surface water sampling conducted at the site on April 15 and 16, 2010.

3.0 RECEPTORS

A well survey of the area in October 1996 determined that there are approximately nine water supply wells within 1,500 feet of the site (Figure 3) and another seven wells within 1,750 feet of the site. Five of these wells are separated from the site by a stream valley (Figure 4). The names and addresses of water well users within 1,500 feet of the site are shown in Table 1. During the fall of 2007 a public water main was installed along NC Highway 22 to supply a proposed school north of the site. To date, two of the nine homes (Hancock and Rhodes) have been connected to the water system.

The owners of the properties located immediately adjacent to the site are listed in Table 2. Their locations are shown on Figure 3.

The hillside east of the site is dissected by numerous small gullies that feed a wet weather drainage feature located approximately 1,000 feet east of the site. This drainage feature flows into an unnamed tributary to Sandy Creek which is located approximately 1.3 miles east of the site (Figure 1).

4.0 METHODS

4.1 MONITORING AND RECOVERY WELL SAMPLING

Recovery wells RW-1, RW-2, RW-3, RW-4, RW-5, RW-6, and RW-7 were sampled on April 15, 2010. Monitoring wells MW-1D and MW-1S were sampled on April 16, 2010. The locations of the monitoring and recovery wells are shown on Figure 2. The samples were sent to TestAmerica Laboratories in Nashville, Tennessee and analyzed for volatile and aromatic hydrocarbons using EPA Method 602 plus MTBE and DIPE and for chloride using EPA Method 300.0.

Prior to collecting the samples, the water level in each well was measured and recorded and a minimum of three well volumes of water was removed or the well was bailed dry using either a bailer or in place electric pumps. After purging, the monitoring well samples were collected with a new disposable bailer. The recovery well samples were collected from sample ports located at each well head. The samples were collected in laboratory supplied bottles, preserved, and shipped via over night courier under chain-of-custody to TestAmerica Laboratories in Nashville, Tennessee. Purge water was pumped into an on-site tanker truck and hauled to the Smithfield Foods facility in Bladen County, North Carolina.

4.2 WATER WELL SAMPLING

Five water wells were sampled on April 16, 2010. Eight water wells have historically been sampled; however two homes (Hancock and Rhodes) have been connected to the public water main as of April 16, 2010. The South Supply Well (SW) was not sampled because the pump for the plant water supply well has been turned off. The Presnell residence well could not be accessed during the sampling event; therefore, no sample was collected from this well in April 2010. The samples were sent to TestAmerica Laboratories and analyzed for volatile and aromatic hydrocarbons using EPA Method 602 plus MTBE and DIPE and for chloride via EPA Method 300.0. The locations of the water wells are shown on Figure 2. Prior to collecting the samples, the pumps in the water wells were allowed to run for approximately ten minutes to

flush the lines and storage tanks. The samples were then collected from an outside faucet as close to the well as possible. The samples were collected in laboratory supplied bottles, preserved, and shipped via over night courier under chain-of-custody to TestAmerica Laboratories.

4.3 STREAM SAMPLING

The stream located east of the site was sampled on April 16, 2010, at the upper, mid, and lower stream locations (S-1 upper, S-2 mid, and S-3 lower). The samples were sent to TestAmerica Laboratories and analyzed for volatile and aromatic hydrocarbons using EPA Method 602 plus MTBE and DIPE and for chloride via EPA Method 300.0.

4.4 FIELD MEASUREMENTS

The static water level in each monitoring and recovery well sampled was measured on April 15, 2010. The water level was measured using an electronic water level meter accurate to 0.01 feet. The water level measurement data are recorded on Table 7.

5.0 RESULTS

5.1 MONITORING WELLS

Chloride was detected in wells MW-1S and MW-1D above the State's 2L .0202 Standard of 250 ppm. No volatile organic compounds were detected in the samples. The laboratory results are summarized in Table 4 and the complete laboratory reports are included as Appendix B.

5.2 RECOVERY WELLS

The laboratory analysis of the samples from RW-3, RW-6, and RW-7 detected benzene above the State's 2L .0202 standard. Ethylbenzene was detected in the samples from RW-3 and RW-7 above the State's 2L .0202 standard. Total Xylenes were detected in the sample from RW-7 above the State's 2L .0202 standard. Chloride was detected above the State's 2L .0202 standard in recovery wells RW-1, RW-2, RW-3, and RW-7. The laboratory results are summarized in Table 4 and the laboratory report is included as Appendix B.

To track petroleum associated contaminant concentrations over time, time-series plots were created for selected wells as for past monitoring reports. Figures 7 and 8 show the benzene concentrations versus time in RW-3 and RW-6, respectively. Figure 9 shows the benzene, ethylbenzene, toluene, and xylenes concentration versus time in RW-7.

5.3 WATER SUPPLY WELLS

No volatile organic compounds were detected in any of the water well samples. Chloride was detected in all the sampled water wells below the State's standard. The laboratory results are summarized in Table 5 and the laboratory report is included as Appendix B.

To track the petroleum associated contaminant concentrations over time, wells that have contaminant concentrations that have exceeded the State 2L standards during more than two consecutive sampling events were used to create contaminant concentration versus time graphs.

Figures 10, 11, and 12 show the benzene concentrations versus time in the South well (SW), Ed Rhodes well (ERW), and Hancock well (6), respectively.

5.4 STREAM SAMPLES

No volatile organic compounds were detected in any of the stream samples. Chloride concentrations were not detected above the 2L Standard in any of the stream samples, and have not been detected above the 2L Standard in the stream for more than 13 years. The laboratory results are summarized in Table 6 and the laboratory report is included as Appendix B.

5.5 GROUNDWATER FLOW DIRECTION

The groundwater measurements collected in April 15, 2010 were used to prepare a groundwater surface contour map (Figure 13). The data shows groundwater in both the residuum and bedrock are moving generally to the southeast toward the stream. The water level data are summarized in Table 7.

5.6 PLUME GEOMETRY

Based on the data collected during the April 2010 sampling event, chloride is concentrated in the area immediately behind (east-southeast of) the plant (MW-1S and RW-3) and along a line extending to the southeast toward the stream (MW-1D). A diffuse plume of chloride extends to the north, southwest, and west of the plant. Chloride results from the April 2010 sampling event are plotted on Figure 14.

Review of historical chloride concentrations from the site monitoring and recovery wells in Table 4 reveals the following general trends. MW-1S has shown a decreasing trend, indicating a reduction in the core of the chloride plume. Wells MW-1D, RW-4, RW-5, RW-6, and RW-7 show a generally stable concentration curve with no easily-recognizable trend. With the exception of the Hancock well, which is no longer sampled since this property is now hooked up to public water, all of the residential wells have remained below the 2L standard since March

2007.

The petroleum release reportedly occurred in the area of UST Pit B. A BTEX plume appears to be isolated generally to the RW-6 and RW-7 area extending southward to RW-3. Based on stream sampling data, the BTEX plume does not reach the creek southeast of the site. The current locations of the benzene, ethylbenzene, toluene, and xylenes plumes are shown on Figure 14.

6.0 CONCLUSIONS

Based on the results of the April 2010 monitoring at the site, the following conclusions can be drawn:

1. No petroleum hydrocarbons were detected in the samples collected from the nearby water supply wells during this sampling event. Hydrocarbons associated with the UST release have consistently been detected in RW-3, RW-6, and RW-7. The concentrations of hydrocarbons in RW-3 and RW-6 have generally decreased over the historical period of monitoring, although they have exhibited periodic rebounds. The concentrations of benzene, ethylbenzene, toluene, and xylenes (BTEX) have consistently been the highest in RW-7 and have been gradually declining during the last four years with some fluctuations within approximately the last year.
2. The shallow residuum and deep bedrock aquifers are contaminated with chlorides. All the water wells sampled in the immediate area have detectable concentrations of chlorides, but none exceeded the 2L Standard. Samples from the Hancock well consistently had concentrations of chlorides above the State's 2L Standard of 250 ppm. However, this residence has been connected to the public water supply and is no longer sampled. The concentrations of chlorides in the samples have remained fairly constant over the sampling history at the site.
3. The concentration of chloride in all the shallow soil samples has remained below a concentration of 250 ppm for the last four years. Although it is difficult to detect a trend in the soil chloride concentrations using annual data, significant reductions in chloride at SS-2, SS-3, and SS-4 suggest that the chloride may be slowly flushed out of the soil in these areas by recharge from infiltrating precipitation.
4. All the residences within 1,000 feet of the site have had point-of-use reverse osmosis systems installed at the kitchen sink. In addition, a point-of-entry carbon adsorption system was installed at the Hancock residence. As a result, there is a limited risk of

exposure to hydrocarbons or chloride for people in the area. The systems are maintained on a quarterly basis. However, some residents do not always allow access to their home. The treatment systems have been removed from the Hancock residence since it was connected to the public water supply.

7.0 RECOMMENDATIONS

Since concentrations of BTEX compounds and chloride continue to exist in site monitoring and recovery wells above the respective 2L standards, continued monitoring as specified in the February 2008 Corrective Action Plan (Table 8) is recommended. Once the nearby residences have been connected to the public water system thereby eliminating potential exposure, Alliance recommends asking the NCDENR to reevaluate the incident and to adopt alternate standards for the site.

TABLES

*Ms. Ruth Debrito, Smithfield Foods, Inc.
Hancock Country Hams, Franklinville, North Carolina*

TABLE 1: PROPERTIES WITHIN 1,500 FEET OF THE SITE WITH WATER WELLS

Parcel ID No.	Property Owner	Property Address
7794400682	Sherry J. Norman	3575 NC Hwy 22N, Franklinville, NC 27248
7794403084	William E. & Jane P. Rhodes	3520 NC Hwy 22 N., Franklinville, NC 27248
7794308034	Joseph & Anne Sue Beal	3511 NC Hwy 22 N., Franklinville, NC 27248
7793491793	Hancock Old Fashion Ctry Ham	3482 NC Hwy 22N., Franklinville, NC 27248
7793491252	Julia S. Hancock	3456 NC Hwy 22 N., Franklinville, NC 27248
7793395540	Wilbert L. Hancock	1716 Academy Rd. Ext., Franklinville, NC 27248
7793394490	Terry Wesley	P. O. Box 1300, Ramseur, NC 27316
7793393252	Raymond Jester, Jr.	3419 NC Hwy 22 N., Franklinville, NC 27248
7793392064	Peggy J. Brown	3399 NC Hwy 22N., Franklinville, NC 27248
7793381857	James T. & Charlotte Kivett	3367 NC Hwy 22 N., Franklinville, NC 27248
7793582180	Richard Wallace	3519 Cedar Forest Rd, Franklinville, Nc 27248
7793580431	Irene C. Garrett	3521 Cedar Forest Rd, Franklinville, NC 27248
7793487411	Steven E. & Loretta Thompson	3505 Cedar Forest Rd, Franklinville, NC 27248

Note: Locations shown on Figure 3.

*Ms. Ruth Debrito, Smithfield Foods, Inc.
Hancock County Hams, Franklinton, North Carolina*

TABLE 2: ADJACENT PROPERTY OWNERS

Parcel ID No.	Property Owner	Property Address
7794403084	William E. & Jane P. Rhodes	3520 NC Hwy 22 N., Franklinton, NC 27248
7794308034	Joseph & Anne Sue Beal	3511 NC Hwy 22 N., Franklinton, NC 27248
7793491252	Julia S. Hancock	3456 NC Hwy 22 N., Franklinton, NC 27248
7793593950	George H. & Barbara Poe	3862 HardinEllison Rd., Franklinton, NC 27248
7793597552	Mark A. & Marcia Coponen	3896 HardinEllison Rd., Franklinton, NC 27248
7793395540	Wilbert L. Hancock	1716 Academy Rd. Ext., Franklinton, NC 27248

Note: Locations shown on Figure 3.

Ms. Ruth DeBrito, Smithfield Foods, Inc.
Hancock Country Hams, Franklinville, North Carolina

TABLE 3: SOIL SAMPLE RESULTS : CHLORIDE

Depth in Feet	Location											
	SCL-1					SCL-2						
	7/22/04	8/23/05	6/20/06	1/24/08 ¹	4/21/09	1/14/10	7/22/04	8/23/05	6/20/06	1/24/08 ¹	4/21/09	1/14/10
1.0	3.6	18.8	103.0	7.8	47.1	BDL	217	29	BDL	53	19.5	BDL
4.0	3.3	18.3	NS	1.5	211	95	3,320	NS	NS	146.0	32.7	33.2

Depth in Feet	Location											
	SCL-3					SCL-4						
	7/22/04	8/23/05	6/20/06	1/24/08 ¹	4/21/09	1/14/10	7/22/04	8/23/05	6/20/06	1/24/08 ¹	4/21/09	1/14/10
1.0	80.5	23.9	65.1	23.1	BDL	BDL	8.2	35.2	45.6	6.9	BDL	12.4
4.0	670	12	NS	158.0	37	141	3.6	325.0	NS	429.0	19.4	18.2

Notes:

Results shown in parts per million

NS - Not Sampled

BDL = Below detection limit

¹ Samples collected on 1/24/08 are labeled SS-1, SS-2, SS-3, and SS-4

TABLE 4: HISTORICAL MONITORING AND RECOVERY WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	—	200	70	24	170	1.4	4 x 10 ⁻⁷	—	15	250
Monitoring Wells														
MW-1S														
10/23/88	BQL	BQL	BQL	BQL	—	NA	NA	NA	NA	NA	NA	NA	NA	NA
11/30/88	NA	NA	NA	NA	—	NA	NA	NA	NA	NA	NA	NA	NA	3,800
10/1/96	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	BQL	21.9	9,844
2/17/98	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	NA	6.53	4,590
6/12/03	BQL	BQL	1.9	BQL	1.9	BQL	BQL	NA	NA	NA	BQL	BQL	12.4	3,150
10/8/03	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	BQL	NA	3,200
1/8/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	BQL	NA	2,710
4/7/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	BQL	NA	2,800
7/20/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	2,700
12/15/04	BQL	BQL	1.24	BQL	1.24	BQL	BQL	NA	NA	NA	NA	NA	NA	2,351
3/24/05	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	2,620
8/23/05	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	2,210
12/1/05	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,990
3/8/06	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,700
6/20/06	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,541
10/12/06	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,662
1/3/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,496
3/22/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,346
7/18/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,362
1/24/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,440
3/20/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,362
6/24/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,680
1/14/09	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	1,040
4/21/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	NA	NA	1,110
7/16/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	NA	NA	84.3
10/14/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	NA	NA	850
1/14/10	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	NA	NA	885
04/16/10	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	NA	NA	888

Ms. Ruth Debrito, Smithfield Foods, Inc.
Hancock County Hams, Franklinville, North Carolina

TABLE 4: HISTORICAL MONITORING AND RECOVERY WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	--	200	70	24	170	1.4	4 x 10 ⁻⁴	--	15	250
MW-1D														
11/9-10/88	BQL	BQL	BQL	BQL	--	NA	NA	NA	NA	NA	NA	NA	NA	740
2/29/96	NA	NA	NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	1,387
10/11/96	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	BQL	112	1,781
2/19/98	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	BQL	NA	155	851
6/12/03	NS	NS	NS	NS	--	NS	NS	NA	NA	NA	NS	NS	NS	NS
10/8/03	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	BQL	NA	23.5	1,100
1/8/04	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	BQL	NA	BQL	1,080
4/7/04	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	BQL	NA	BQL	1,040
7/20/04	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	BQL	NA	NA	987
12/15/04	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	BQL	NA	NA	1,029
3/24/05	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	BQL	NA	NA	1,150
8/23/05	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	BQL	NA	NA	1,480
12/1/05	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	BQL	NA	NA	1,370
3/8/06	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	BQL	NA	NA	1,200
6/20/06	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	BQL	NA	NA	1,394
10/12/06	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	BQL	NA	NA	1,297
1/3/07	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	BQL	NA	NA	1,449
3/22/07	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,104
7/18/07	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,329
1/24/08	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,000
3/20/08	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,220
6/24/08	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,320
1/14/09	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,010
4/21/09	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	NA	NA	1,380
7/16/09	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	NA	NA	1,240
10/14/09	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	NA	NA	1,260
1/13/10	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	NA	NA	1,230
4/16/10	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	NA	NA	1,220

Ms. Ruth Debrito, Smithfield Foods, Inc.
Hancock Country Hams, Franklinville, North Carolina

TABLE 4: HISTORICAL MONITORING AND RECOVERY WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	—	200	70	24	170	1.4	4 x 10 ⁻⁴	---	15	250
Recovery Wells														
RW-1														
5/26/93	NA	NA	NA	NA	—	NA	NA	NA	NA	NA	NA	03/24/05	NA	473
2/17/98	BQL	BQL	BQL	BQL	—	BQL	20	NA	NA	NA	BQL	08/23/05	23	284
3/23/99	BQL	BQL	BQL	BQL	—	BQL	13	NA	NA	NA	NA	12/01/05	NA	492
6/12/03	BQL	BQL	BQL	BQL	—	BQL	2.7	NA	NA	NA	BQL	03/08/06	NA	553
10/8/03	BQL	BQL	BQL	BQL	—	BQL	1	NA	NA	NA	NA	06/20/06	NA	550
1/8/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	BQL	NA	525
4/7/04	BQL	BQL	BQL	BQL	—	BQL	1.9	NA	NA	NA	NA	BQL	NA	612
7/20/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	NA	NA	643
12/15/04	BQL	BQL	BQL	BQL	—	BQL	1.07	NA	NA	NA	BQL	NA	NA	594
10/12/06	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	486
1/3/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	665
3/22/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	308
7/18/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	704
1/24/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	692
3/20/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	670
6/24/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	753
1/14/09	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	711
4/22/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	800
7/16/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	599
10/14/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	520
1/13/10	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	460
4/15/10	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	558

TABLE 4: HISTORICAL MONITORING AND RECOVERY WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	--	200	70	24	170	1.4	4 x 10 ⁻⁴	---	15	250
RW-2														
5/26/93	BQL	BQL	BQL	BQL	--	BQL	NA	NA	NA	NA	NA	NA	NA	429
2/17/98	BQL	BQL	BQL	BQL	--	BQL	22	NA	NA	NA	BQL	BQL	16.8	255
3/23/99	BQL	BQL	BQL	BQL	--	BQL	12	NA	NA	NA	NA	NA	NA	419
6/12/03	1.2	BQL	1.1	BQL	2.3	BQL	BQL	NA	NA	NA	BQL	BQL	5.48	575
10/8/03	BQL	BQL	BQL	BQL	--	BQL	1.3	NA	NA	NA	NA	NA	BQL	370
1/8/04	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	765
4/7/04	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	627
12/15/04	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	755
3/24/05	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	773
8/23/05	BQL	BQL	1.51	BQL	1.51	BQL	BQL	NA	NA	NA	NA	NA	NA	659
12/1/05	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	783
3/8/06	BQL	BQL	BQL	BQL	--	BQL	1.7	NA	NA	NA	NA	NA	NA	560
6/20/06	BQL	BQL	BQL	BQL	--	BQL	2.3	NA	NA	NA	NA	NA	NA	783
10/12/06	BQL	BQL	BQL	BQL	--	BQL	1.95	NA	NA	NA	NA	NA	NA	519
1/3/07	BQL	BQL	BQL	BQL	--	BQL	1.77	NA	NA	NA	NA	NA	NA	641
3/22/07	BQL	BQL	BQL	BQL	--	BQL	2.32	NA	NA	NA	NA	NA	NA	445
7/18/07	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	BQL	BQL	BQL	440
1/24/08	BQL	BQL	BQL	BQL	--	BQL	2.15	NA	NA	NA	NA	NA	NA	498
3/20/08	BQL	BQL	BQL	BQL	--	2	1.07	NA	NA	NA	NA	NA	NA	656
6/24/08	BQL	BQL	BQL	BQL	--	BQL	1.62	NA	NA	NA	NA	NA	NA	420
1/14/09	BQL	BQL	BQL	BQL	--	BQL	2.27	ND	ND	ND	NA	NA	NA	472
4/22/09	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	NA	NA	NA	528
7/16/09	ND	ND	ND	ND	--	ND	1.25	ND	ND	ND	NA	NA	NA	473
10/14/09	ND	ND	ND	ND	--	ND	1.22	ND	ND	ND	NA	NA	NA	649
1/13/10	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	NA	NA	NA	698
4/15/10	ND	ND	ND	ND	--	ND	1.06	ND	ND	ND	NA	NA	NA	521

TABLE 4: HISTORICAL MONITORING AND RECOVERY WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride	
2L Standards	1	29	1,000	530	---	200	70	24	170	1.4	4 x 10 ⁻⁴	---	15	250	
RW-3															
5/26/93	NA	NA	NA	NA	—	NA	NA	NA	NA	NA	NA	NA	NA	1,219	
3/17/98	NA	NA	NA	NA	—	NA	NA	NA	NA	NA	NA	NA	NA	4,250	
2/17/98	190	BQL	32	BQL	222	BQL	22	NA	NA	NA	NA	NA	NA	29.9	3,800
10/20/12	43	BQL	20	16	79	BQL	9	NA	NA	NA	BQL	BQL	NA	NA	4,250
10/20/13	66	BQL	27	23	116	BQL	17	NA	NA	NA	NA	NA	NA	NA	NA
10/20/14	180	BQL	65	74	319	BQL	21	NA	NA	NA	NA	NA	NA	NA	6,400
3/23/99	85	BQL	12	BQL	97	BQL	32	NA	NA	NA	NA	NA	NA	NA	3,423
6/12/03	45	BQL	160	219	424	BQL	16	NA	NA	NA	BQL	BQL	5.45	4,230	
10/8/03	99	84	300	560	1,043	BQL	79	NA	NA	NA	NA	NA	BQL	3,800	
1/8/04	110	20	99	360	589	BQL	30	NA	NA	NA	NA	NA	BQL	4,210	
4/7/04	130	18	480	650	1,278	BQL	91	NA	NA	NA	NA	NA	BQL	4,850	
7/20/04	74.9	67	137	253.8	532.70	BQL	BQL	NA	NA	NA	NA	NA	NA	2,720	
12/15/04	41.6	10.8	34	68.7	155.10	BQL	13.8	NA	NA	NA	NA	NA	NA	3,705	
3/24/05	85.2	37.7	270	226	618.90	BQL	BQL	NA	NA	NA	NA	NA	NA	4,010	
8/23/05	63.2	43.4	61.4	34.9	202.90	8	3.89	NA	NA	NA	NA	NA	NA	3,290	
12/1/05	54.7	7.25	BQL	26.8	88.75	BQL	12.2	NA	NA	NA	NA	NA	NA	4,600	
3/8/06	17	2.6	12	11	42.60	BQL	7	NA	NA	NA	NA	NA	NA	4,400	
6/20/06	NS	NS	NS	NS	—	NS	NS	NA	NA	NA	NS	NS	NS	NS	
10/12/06	NS	NS	NS	NS	—	NS	NS	NA	NA	NA	NS	NS	NS	NS	
1/3/07	2	BQL	12	4	18	BQL	BQL	NA	NA	NA	NA	NA	NA	1,758	
3/22/07	6.24	1.90	14.30	16.94	39.38	3.33	6.03	NA	NA	NA	NA	NA	NA	3,261	
7/18/07	39.70	20.10	69.80	84.60	214.20	BQL	3.05	NA	NA	NA	NA	NA	NA	3,767	
1/24/08	7.35	BQL	3.19	3.81	14.35	BQL	5.24	NA	NA	NA	NA	NA	NA	2,940	
3/20/08	8.13	2.78	5.37	13.08	29.36	BQL	7.01	NA	NA	NA	NA	NA	NA	2,730	
6/24/08	3.36	BQL	3.11	2.99	9.46	BQL	6.08	NA	NA	NA	NA	NA	NA	2,690	
1/14/09	2.87	1.70	4.33	10.86	19.76	BQL	5.93	NA	NA	NA	NA	NA	NA	1,230	
4/22/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	873	
7/16/09	44.8	6.49	120	105.7	276.99	ND	8	ND	ND	ND	NA	NA	NA	2,990	
10/14/09	23.5	2.50	8.57	5.56	40.13	12.80	2.52	ND	ND	ND	NA	NA	NA	3,090	
1/13/10	8.5	ND	7.13	3.99	19.63	7.69	ND	ND	ND	ND	NA	NA	NA	2,840	
4/15/10	37.9	39.0	60.9	111.2	249.0	ND	ND	ND	ND	ND	NA	NA	NA	1,880	

TABLE 4: HISTORICAL MONITORING AND RECOVERY WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	—	200	70	24	170	1.4	4 x 10 ⁻⁴	—	15	250
RW-4														
5/26/93	BQL	BQL	BQL	BQL	—	BQL	NA	NA	NA	NA	NA	NA	NA	457
2/17/98	BQL	BQL	BQL	BQL	—	BQL	1	NA	NA	NA	BQL	BQL	30.8	226
3/23/99	BQL	BQL	BQL	BQL	—	BQL	5	NA	NA	NA	NA	NA	NA	410
6/12/03	BQL	BQL	BQL	BQL	—	BQL	1.7	NA	NA	NA	BQL	BQL	BQL	368
10/8/03	BQL	BQL	BQL	BQL	—	BQL	2.8	NA	NA	NA	NA	NA	BQL	400
1/8/04	BQL	BQL	BQL	BQL	—	BQL	2.2	NA	NA	NA	NA	NA	BQL	304
4/7/04	BQL	BQL	BQL	BQL	—	BQL	2.3	NA	NA	NA	NA	NA	BQL	323
7/20/04	BQL	BQL	BQL	BQL	—	BQL	1.9	NA	NA	NA	NA	NA	NA	277
12/15/04	BQL	BQL	BQL	BQL	—	BQL	2.05	NA	NA	NA	NA	NA	NA	271
3/24/05	BQL	BQL	BQL	BQL	—	BQL	2.33	NA	NA	NA	NA	NA	NA	249
8/23/05	BQL	BQL	BQL	BQL	—	BQL	1.81	NA	NA	NA	NA	NA	NA	228
12/1/05	BQL	BQL	BQL	BQL	—	BQL	1.13	NA	NA	NA	NA	NA	NA	220
3/8/06	BQL	BQL	BQL	BQL	—	BQL	1	NA	NA	NA	NA	NA	NA	120
6/20/06	BQL	BQL	BQL	BQL	—	BQL	1.65	NA	NA	NA	NA	NA	NA	218
10/12/06	BQL	BQL	BQL	BQL	—	BQL	1.57	NA	NA	NA	NA	NA	NA	217
1/3/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	428
3/22/07	BQL	BQL	BQL	BQL	—	BQL	1.56	NA	NA	NA	NA	NA	NA	220
7/18/07	BQL	BQL	BQL	BQL	—	BQL	0.04	NA	NA	NA	NA	NA	NA	205
1/24/08	BQL	BQL	BQL	BQL	—	BQL	1.49	NA	NA	NA	NA	NA	NA	172
3/20/08	BQL	BQL	BQL	BQL	—	BQL	1.74	NA	NA	NA	NA	NA	NA	175
6/24/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	182
1/14/09	BQL	BQL	BQL	BQL	—	BQL	1.37	NA	NA	NA	NA	NA	NA	190
4/22/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	209
7/16/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	223
10/14/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	184
1/13/10	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	214
4/15/10	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	NA	NA	NA	198

Ms. Ruth Debrito, Smithfield Foods, Inc.
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TABLE 4: HISTORICAL MONITORING AND RECOVERY WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	---	200	70	24	170	1.4	4 x 10 ⁻⁷	---	15	250
RW-5														
5/26/93	BQL	BQL	BQL	BQL	---	BQL	NA	NA	NA	NA	NA	NA	NA	428
2/17/98	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	BQL	BQL	47.9	316
3/23/99	1	BQL	BQL	BQL	1	BQL	BQL	NA	NA	NA	NA	NA	NA	386
6/12/03	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	BQL	BQL	BQL	282
10/8/03	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	NA	NA	BQL	340
1/8/04	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	NA	NA	5.72	324
4/7/04	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	NA	NA	BQL	338
7/20/04	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	NA	NA	NA	315
12/15/04	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	NA	NA	NA	347
3/24/05	BQL	BQL	BQL	BQL	---	BQL	2	NA	NA	NA	NA	NA	NA	345
8/23/05	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	NA	NA	NA	354
12/1/05	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	NA	NA	NA	329
3/8/06	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	NA	NA	NA	150
6/20/06	NS	NS	NS	NS	---	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/12/06	NS	NS	NS	NS	---	NS	NS	NS	NS	NS	NS	NS	NS	NS
1/3/07	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	NA	NA	NA	404
3/22/07	NS	NS	NS	NS	---	NS	NS	NS	NS	NS	NS	NS	NS	NS
7/18/07	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	NA	NA	NA	298
1/24/08	NS	NS	NS	NS	---	NS	NS	NS	NS	NS	NS	NS	NS	NS
3/20/08	BQL	BQL	BQL	BQL	---	BQL	1.75	NA	NA	NA	NA	NA	NA	191
6/24/08	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	NA	NA	NA	222
1/14/09	BQL	BQL	BQL	BQL	---	BQL	BQL	NA	NA	NA	NA	NA	NA	226
4/22/09	ND	ND	ND	ND	---	ND	ND	ND	ND	ND	NA	NA	NA	244
7/16/09	ND	ND	ND	ND	---	ND	ND	ND	ND	ND	NA	NA	NA	249
10/14/09	ND	ND	ND	ND	---	ND	ND	ND	ND	ND	NA	NA	NA	230
1/13/10	ND	ND	ND	ND	---	ND	ND	ND	ND	ND	NA	NA	NA	228
4/15/10	ND	ND	ND	ND	---	ND	ND	ND	ND	ND	NA	NA	NA	209

Ms. Ruth Debrito, Smithfield Foods, Inc.
Hancock County Hams, Franklinville, North Carolina

TABLE 4: HISTORICAL MONITORING AND RECOVERY WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	—	200	70	24	170	1.4	4 x 10 ⁻⁴	—	15	250
RW-6														
5/26/88	252.18	NA	12.34	236.09	500.61	NA	NA	NA	NA	NA	NA	NA	NA	144/865
10/1/88	980	BQL	94	69	1,143	NA	NA	NA	NA	NA	NA	NA	NA	800
5/26/93	574	BQL	41	44	659	27	NA	NA	NA	NA	NA	NA	NA	245
2/17/98	55	15	56	36	162	BQL	15	NA	NA	NA	BQL	BQL	BQL	301
10/21/98	BQL	BQL	BQL	BQL	—	BQL	8	NA	NA	NA	NA	NA	NA	615
3/23/99	5	BQL	BQL	BQL	5	BQL	9	NA	NA	NA	NA	NA	NA	599
6/12/03	84	36	210	310	640	BQL	12	NA	NA	NA	BQL	BQL	BQL	521
10/8/03	76	52	220	380	728	BQL	23	NA	NA	NA	NA	NA	12	310
1/8/04	51	40	170	310	571	BQL	32	NA	NA	NA	NA	NA	BQL	223
4/7/04	38	24	120	184	366	BQL	10	NA	NA	NA	NA	NA	BQL	275
7/20/04	41	327	141	226	735	BQL	12	NA	NA	NA	NA	NA	NA	219
12/15/04	33.4	20.8	110	160.5	324.7	BQL	7.5	NA	NA	NA	NA	NA	NA	190
3/24/05	25.7	17.9	80.7	129.4	253.7	BQL	6.05	NA	NA	NA	NA	NA	NA	195
8/23/05	35.8	23.4	124	182.7	365.9	BQL	5.82	NA	NA	NA	NA	NA	NA	167
12/1/05	31.7	15.7	117	147	311.4	BQL	5.98	NA	NA	NA	NA	NA	NA	185
3/8/06	31	20	110	160	321	BQL	5.6	NA	NA	NA	NA	NA	NA	120
6/20/06	36.7	23.8	138	203.8	402.3	BQL	12.3	NA	NA	NA	NA	NA	NA	297
10/12/06	30.7	20.5	130	173.8	355	BQL	BQL	NA	NA	NA	NA	NA	NA	212
1/3/07	32	20	139	156	347	BQL	BQL	NA	NA	NA	NA	NA	NA	523
3/22/07	35.6	23.8	127	164.3	350.7	BQL	19.1	NA	NA	NA	NA	NA	NA	212
7/18/07	25.8	16	118	147	306.8	BQL	BQL	NA	NA	NA	NA	NA	NA	161
1/24/08	16.9	9.67	59.2	70.4	156.17	BQL	3.01	NA	NA	NA	NA	NA	NA	180
3/20/08	16	8.46	28.9	45.4	98.76	BQL	6.15	NA	NA	NA	NA	NA	NA	198
6/24/08	13.8	2.65	30.3	40	86.75	BQL	2.65	NA	NA	NA	NA	NA	NA	258
1/14/09	19.4	7.75	72.9	77.6	177.65	BQL	5.06	NA	NA	NA	NA	NA	NA	239
4/22/09†	NS	NS	NS	NS	—	NS	NS	NS	NS	NS	NS	NS	NS	NS
7/16/09	28.6	12.7	68.0	118.5	227.8	ND	8.92	ND	ND	ND	NA	NA	NA	190
10/14/09	16.9	8.74	20.9	63.9	110.44	7.40	4.25	ND	ND	ND	NA	NA	NA	183
1/13/10	15.9	8.80	20.9	57.8	103.4	7.22	2.01	ND	ND	ND	NA	NA	NA	211
4/15/10	30.8	20.7	35.6	127.0	214.1	16.1	ND	ND	ND	ND	NA	NA	NA	166

TABLE 4: HISTORICAL MONITORING AND RECOVERY WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	---	200	70	24	170	1.4	4 x 10 ⁻⁴	---	15	250
RW-7														
5/26/93	BQL	BQL	BQL	BQL	—	24	NA	NA	NA	NA	NA	NA	NA	324
3/29/96	NA	NA	NA	NA	—	NA	NA	NA	NA	NA	NA	NA	NA	211
2/17/98	1,100	330	2,400	2,560	6,390	BQL	BQL	NA	NA	0.98	BQL	213	140	
10/21/98	450	350	1,000	1,630	3,430	BQL	83	NA	NA	NA	NA	NA	NA	240
3/23/99	460	130	600	470	1,660	BQL	110	NA	NA	NA	NA	NA	NA	261
6/12/03	440	170	1,100	1,960	3,670	BQL	BQL	NA	NA	NA	BQL	BQL	BQL	293
10/8/03	410	260	790	1,480	2,940	BQL	BQL	NA	NA	NA	BQL	NA	BQL	350
1/8/04	470	320	990	1,640	3,420	BQL	120	NA	NA	NA	BQL	NA	BQL	321
4/7/04	390	280	960	1,530	3,160	BQL	62	NA	NA	NA	BQL	NA	BQL	310
7/20/04	388	269	954	1,477	3,088	BQL	63.2	NA	NA	NA	NA	NA	NA	283
12/15/04	361	322	981	1,354	3,018	BQL	89.9	NA	NA	NA	NA	NA	NA	299
3/24/05	359	289	956	1,517	3,121	BQL	BQL	NA	NA	NA	NA	NA	NA	258
8/23/05	276	222	607	1,597	2,702	BQL	34	NA	NA	NA	NA	NA	NA	261
12/1/05	288	265	770	1,404	2,727	BQL	65.1	NA	NA	NA	NA	NA	NA	287
3/8/06	300	260	800	1,400	2,760	BQL	BQL	NA	NA	NA	NA	NA	NA	140
6/20/06	226	191	505	1,419	2,341	BQL	117	NA	NA	NA	NA	NA	NA	276
10/12/06	201	183	475	1,073	1,932	BQL	BQL	NA	NA	NA	NA	NA	NA	274
1/3/07	263	32.9	584	1,287	2,167	BQL	BQL	NA	NA	NA	NA	NA	NA	333
3/22/07	218	204	495	1,030	1,947	41.3	152	NA	NA	NA	NA	NA	NA	220
7/18/07	205	193	444	1,059	1,901	BQL	115	NA	NA	NA	NA	NA	NA	220
1/24/08	162	143	261	867	1,433	BQL	27.0	NA	NA	NA	NA	NA	NA	125
3/20/08	167	141	321	872	1,501	BQL	68.2	NA	NA	NA	NA	NA	NA	113
6/24/08	164	176	358	978	1,676	BQL	BQL	NA	NA	NA	NA	NA	NA	152
1/14/09	174	174	326	972	1,646	40.4	80.3	NA	NA	NA	NA	NA	NA	190
4/22/09	230	240	381	715	1,566	265	102	ND	ND	ND	NA	NA	NA	209
7/16/09	259	295	499	1,030	2,083	112	112	ND	ND	ND	NA	NA	NA	239
10/14/09	177	217	323	745	1,462	56.6	62.1	ND	ND	ND	NA	NA	NA	194
1/13/10	214	253	609	1,135	2,211	75.2	ND	ND	ND	ND	NA	NA	NA	170
4/15/10	170	196	299	613	1,278	ND	ND	ND	ND	ND	NA	NA	NA	251

Notes:

All results in parts per billion (ppb), except chloride which is presented in parts per million (ppm)

Concentrations which exceed the 2L Groundwater Quality Standards are bold

2L Standards - Subchapter 2L Quality Standards for Class GA groundwater

NA - Not analyzed for this compound

PLW - Parking Lot Well

BQL - Below the quantitation limit of the method of analysis

MTBE - Methyl-tert-butyl-ether

DCB - Dichlorobenzene

NS - Not sampled

ND - Non-detect

Environmental Alliance began sampling in April 2009, all previous samples collected by other

† - Not sampled due to pump malfunctioning

TABLE 5: HISTORICAL WATER WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	—	200	70	24	170	1.4	4×10^{-4}	—	15	250
Water Supply Wells														
SW-1														
5/26/88	BQL	NA	BQL	BQL	—	NA	NA	NA	NA	NA	NA	NA	NA	542
8/30/88	750	BQL	83	150	983	NA	NA	NA	NA	NA	NA	NA	NA	600
5/20/93	121	BQL	8	22	151	NA	NA	NA	NA	NA	NA	NA	NA	562
10/1/96	BQL	BQL	BQL	BQL	—	4	37	NA	NA	NA	NA	BQL	BQL	208
2/17/98	BQL	BQL	BQL	BQL	—	BQL	22	NA	NA	NA	BQL	BQL	BQL	668
6/12/03	BQL	BQL	BQL	BQL	—	BQL	11	NA	NA	NA	BQL	BQL	BQL	553
10/8/03	BQL	BQL	BQL	BQL	—	BQL	4	NA	NA	NA	NA	NA	NA	390
1/8/04	BQL	BQL	BQL	BQL	—	BQL	3.4	NA	NA	NA	NA	NA	NA	440
4/7/04	BQL	BQL	BQL	BQL	—	BQL	6.2	NA	NA	NA	NA	NA	NA	298
7/20/04	BQL	BQL	BQL	BQL	—	BQL	1.57	NA	NA	NA	NA	NA	NA	377
12/15/04	BQL	BQL	BQL	BQL	—	BQL	4.46	NA	NA	NA	NA	NA	NA	209
3/24/05	BQL	BQL	BQL	BQL	—	BQL	1.28	NA	NA	NA	NA	NA	NA	353
8/23/05	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	532
6/20/06	NS	NS	NS	NS	—	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/12/06	NS	NS	NS	NS	—	NS	NS	NS	NS	NS	NS	NS	NS	NS
1/5/07	NS	NS	NS	NS	—	NS	NS	NS	NS	NS	NS	NS	NS	NS
3/22/07	NS	NS	NS	NS	—	NS	NS	NS	NS	NS	NS	NS	NS	NS
7/18/07	NS	NS	NS	NS	—	NS	NS	NS	NS	NS	NS	NS	NS	NS
1/24/08	NS	NS	NS	NS	—	NS	NS	NS	NS	NS	NS	NS	NS	NS
3/20/08	NS	NS	NS	NS	—	NS	NS	NS	NS	NS	NS	NS	NS	NS
6/24/08	NS	NS	NS	NS	—	NS	NS	NS	NS	NS	NS	NS	NS	NS
1/14/09	NS	NS	NS	NS	—	NS	NS	NS	NS	NS	NS	NS	NS	NS
4/22/09	NS	NS	NS	NS	—	NS	NS	NS	NS	NS	NS	NS	NS	NS
7/16/09	NS	NS	NS	NS	—	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/14/09	NS	NS	NS	NS	—	NS	NS	NS	NS	NS	NS	NS	NS	NS
1/13/10	NS	NS	NS	NS	—	NS	NS	NS	NS	NS	NS	NS	NS	NS
4/15/10	NS	NS	NS	NS	—	NS	NS	NS	NS	NS	NS	NS	NS	NS

Ms. Ruth Debrito, Smithfield Foods Inc.
Hancock County Hams, Franklinville, North Carolina

TABLE 5: HISTORICAL WATER WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	—	200	70	24	170	1.4	4×10^{-4}	—	15	250
Water Supply Wells														
Beal (1)														
8/30/88	BQL	BQL	BQL	BQL	—	NA	NA	NA	NA	NA	NA	NA	NA	93
5/20/93	BQL	BQL	BQL	BQL	—	NA	NA	NA	NA	NA	NA	BQL	BQL	91.2
10/1/96	BQL	BQL	BQL	BQL	—	BQL	4	NA	NA	NA	NA	NA	5.97	86
2/18/98	BQL	BQL	BQL	BQL	—	BQL	17	NA	NA	NA	BQL	NA	BQL	110
6/13/03	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	BQL	90
10/8/03	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	BQL	94.5
1/8/04	BQL	BQL	BQL	BQL	—	BQL	3	NA	NA	NA	NA	NA	BQL	77.5
4/7/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	BQL	73.1
7/20/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	154
12/15/04	BQL	BQL	BQL	BQL	—	BQL	9.89	NA	NA	NA	NA	NA	NA	85.4
3/24/05	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	99.4
8/23/05	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	7.49
12/1/05	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	63
3/8/06	BQL	BQL	BQL	BQL	—	BQL	5.4	NA	NA	NA	NA	NA	NA	218
6/20/06	BQL	BQL	BQL	BQL	—	BQL	13.7	NA	NA	NA	NA	NA	NA	229
10/12/06	BQL	BQL	BQL	BQL	—	BQL	3.92	NA	NA	NA	NA	NA	NA	333
1/5/07	BQL	BQL	BQL	BQL	—	BQL	2.2	NA	NA	NA	NA	NA	NA	158
3/22/07	BQL	BQL	BQL	BQL	—	BQL	2.8	NA	NA	NA	NA	NA	NA	127
7/18/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	181
1/24/08	BQL	BQL	BQL	BQL	—	BQL	2.46	NA	NA	NA	NA	NA	NA	187
3/20/08	BQL	BQL	BQL	BQL	—	2.53	11.8	NA	NA	NA	NA	NA	NA	193
6/24/08	BQL	BQL	BQL	BQL	—	BQL	5.55	NA	NA	NA	NA	NA	NA	226
1/14/09	BQL	BQL	BQL	BQL	—	BQL	3.97	NA	NA	ND	ND	NA	NA	153
4/22/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	NA	NA	139
7/16/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	NA	NA	203
10/14/09	ND	ND	ND	ND	—	ND	2.32	ND	ND	ND	ND	NA	NA	196
1/14/10	ND	ND	ND	ND	—	ND	1.86	ND	ND	ND	ND	NA	NA	186
4/16/10	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	NA	NA	

Ms. Ruth Debrito, Smithfield Foods, Inc.
Hancock Country Hams, Franklinville, North Carolina

TABLE 5: HISTORICAL WATER WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	—	200	70	24	170	1.4	4×10^{-4}	—	15	250
Water Supply Wells														
F. Norman (2)														
8/30/88	BQL	BQL	BQL	BQL	—	NA	NA	NA	NA	NA	NA	NA	NA	8.6
5/20/93	BQL	BQL	BQL	BQL	—	NA	NA	NA	NA	NA	NA	NA	NA	9
10/11/96	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	BQL	49.9
2/18/98	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	NA	BQL	43.4
6/12/03	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	NA	BQL	2.4
10/8/03	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	BQL	6.7
1/8/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	BQL	5.82
4/7/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	BQL	7.56
12/15/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	9.5
3/24/05	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	8.58
8/23/05	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	10.8
3/22/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	11.4
7/18/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	15
1/24/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	5.93
3/20/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	4.74
6/24/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	8.33
1/14/09	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	6.69
4/22/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	ND	ND	6.96
7/16/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	ND	ND	6.99
10/14/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	ND	ND	6.03
1/14/10	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	ND	ND	6.51
4/16/10	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	ND	ND	7.07

Ms. Ruth Debrito, Smithfield Foods, Inc.
Hancock County Hans, Franklinville, North Carolina

TABLE 5: HISTORICAL WATER WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	---	200	70	24	170	1.4	4×10^{-4}	---	15	250
Water Supply Wells														
Gibson (3)														
8/30/88	BQL	BQL	BQL	BQL	—	NA	NA				NA	NA	NA	210
5/20/93	BQL	BQL	BQL	BQL	—	NA	NA	NA	NA	NA	NA	NA	NA	265
10/1/96	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	BQL	BQL	343
2/18/98	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	NA	BQL	205
6/13/03	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	BQL	BQL	BQL	230
10/8/03	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	12
1/8/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	BQL	276
4/7/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	BQL	267
7/20/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	BQL	302
12/15/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	238
3/24/05	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	235
8/23/05	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	230
12/1/05	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	402
3/8/06	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	100
6/20/06	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	191
10/12/06	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	174
1/5/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	356
3/22/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	160.4
7/18/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	193
1/24/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	137
3/20/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	126
6/24/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	181
1/14/09	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	17.3
4/22/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	NA	NA	13.4
7/16/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	NA	NA	22.6
10/14/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	NA	NA	22.8
1/13/10	ND	ND	ND	ND	—	1.28	ND	ND	ND	ND	ND	NA	NA	24.2
4/16/10	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	NA	NA	16.8

Ms. Ruth Debrito, Smithfield Foods, Inc.
Hancock County Hams, Franklinville, North Carolina

TABLE 5: HISTORICAL WATER WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	--	200	70	24	170	1.4	4×10^{-4}	--	15	250
Water Supply Wells														
Presnell (4)														
8/30/88	BQL	BQL	BQL	BQL	--	NA	NA	NA	NA	NA	NA	NA	NA	100
5/20/93	BQL	BQL	BQL	BQL	--	NA	NA	NA	NA	NA	NA	NA	NA	265
10/1/96	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	BQL	BQL	BQL	119
2/18/98	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	BQL	NA	BQL	80.8
6/13/03	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	BQL	2.9	BQL	88
10/8/03	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	86
1/8/04	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	74.7
4/7/04	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	70.9
7/20/04	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	90.2
12/15/04	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	76
3/24/05	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	87.3
8/23/05	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	103
12/1/05	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	80.8
3/8/06	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	45
6/20/06	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	92.9
10/12/06	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	82.5
1/5/07	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	119
3/22/07	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	75
7/18/07	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	88
1/24/08	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	80.8
3/20/08	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	78.9
6/24/08	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	94.2
1/14/09	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	81.4
4/22/09†	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS
7/16/09	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/14/09	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS
1/13/10	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS
4/16/10	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS

Ms. Ruth DeBrito, Smithfield Foods, Inc.
Hancock County Hams, Franklinville, North Carolina

TABLE 5: HISTORICAL WATER WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	—	200	70	24	170	1.4	4×10^{-4}	—	15	250
Water Supply Wells														
Jester (5)														
8/30/88	BQL	BQL	BQL	BQL	—	NA	NA	NA	NA	NA	NA	NA	NA	34
5/20/93	BQL	BQL	BQL	BQL	—	NA	NA	NA	NA	NA	NA	NA	NA	35
10/1/96	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	BQL	BQL	493
2/17/98	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	BQL	BQL	67
6/13/03	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	BQL	BQL	43
10/8/03	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	BQL	46
1/8/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	BQL	42.9
4/7/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	BQL	42.1
7/20/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	BQL	43.4
12/15/04	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	47.5
3/24/05	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	49.1
8/23/05	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	58.2
12/1/05	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	38.5
3/8/06	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	33
6/20/06	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	44
10/12/06	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	47.1
1/5/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	127
3/22/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	46.6
7/18/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	51
1/24/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	43.3
3/20/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	51.7
6/24/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	43.5
1/14/09	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	41.9
4/22/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	NA	NA	46.2
7/16/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	NA	NA	46.1
10/14/09	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	NA	NA	43.9
1/13/10	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	NA	NA	42.9
4/16/10	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	NA	NA	43.9

Ms. Ruth DeBrito, Smithfield Foods, Inc.
Hancock County Ham, Franklinville, North Carolina

TABLE 5: HISTORICAL WATER WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	---	200	70	24	170	1.4	4×10^{-1}	---	15	250
Water Supply Wells														
J. Hancock (6) before treatment system[
8/30/88	11	BQL	1	13	25	NA	NA	NA	NA	NA	NA	NA	NA	3,100
5/20/93	192	BQL	BQL	BQL	192	NA	NA	NA	NA	NA	NA	NA	NA	2,224
2/29/96	NA	NA	NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	2,741
10/1/96	68	BQL	BQL	9	77	4	23	NA	NA	NA	NA	BQL	6.55	4,189
2/17/98	56	BQL	BQL	BQL	56	BQL	15	NA	NA	NA	BQL	NA	BQL	3,934
6/13/03	BQL	BQL	BQL	BQL	--	BQL	3	NA	NA	NA	BQL	BQL	BQL	2,300
10/8/03	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	780
1/8/04	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	826
4/7/04	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	906
7/20/04	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	900
12/15/04	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	879
3/24/05	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	912
8/23/05	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,010
12/1/05	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,290
3/8/06	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,400
6/20/06	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,199
10/12/06	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,132
1/5/07	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,152
3/22/07	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	926
7/18/07	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,265
1/24/08	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,000
3/20/08	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,230
6/24/08	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	1,030
1/14/09	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS
4/22/09	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS
7/16/09	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/14/09	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS
1/13/10	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS
4/16/10	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS

Ms. Ruth Debrito, Smithfield Foods, Inc.
Hancock County Hause, Franklinville, North Carolina

TABLE 5: HISTORICAL WATER WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	—	200	70	24	170	1.4	4×10^{-4}	—	15	250
Water Supply Wells														
J. Hancock (6) after treatment system I														
6/20/06	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NA	NA	NA	NA	NA	NA	1,223*
10/12/06	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	61.3
1/5/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	127
3/22/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	83.8
7/18/07	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NS	NS	NS	87.5
1/24/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	89.8
3/20/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NS	NS	99.5
6/24/08	BQL	BQL	BQL	BQL	—	BQL	BQL	NA	NA	NA	NA	NA	NA	100
1/14/09	NS	NS	NS	NS	—	NS	NS	NS	NS	NS	NS	NS	NS	NS
4/22/09	NS	NS	NS	NS	—	NS	NS	NS	NS	NS	NS	NS	NS	NS
7/16/09	NS	NS	NS	NS	—	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/14/09	NS	NS	NS	NS	—	NS	NS	NS	NS	NS	NS	NS	NS	NS
1/13/10	NS	NS	NS	NS	—	NS	NS	NS	NS	NS	NS	NS	NS	NS
4/16/10	NS	NS	NS	NS	—	NS	NS	NS	NS	NS	NS	NS	NS	NS

Ms. Ruth Debrito, Smithfield Foods, Inc.
Hancock Country Hams, Franklinville, North Carolina

TABLE 5: HISTORICAL WATER WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	530	--	200	70	24	170	1.4	4×10^{-4}	--	15	250
Water Supply Wells														
Rhodes (ERW)														
5/26/88	715.8	NA	108.5	276.32	1,100.62	NA	NA	NA	NA	NA	NA	NA	NA	79
8/30/88	400	BQL	71	BQL	471	NA	NA	NA	NA	NA	NA	NA	NA	190
5/20/93	39	BQL	BQL	BQL	39	NA	NA	NA	NA	NA	NA	NA	NA	147
10/1/96	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	BQL	NA	BQL	171
2/18/98	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	BQL	NA	BQL	86
6/12/03	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	BQL	BQL	BQL	81
10/8/03	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	120
1/8/04	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	108
4/7/04	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	114
7/20/04	BQL	BQL	BQL	BQL	--	BQL	1.57	NA	NA	NA	NA	NA	BQL	123
12/15/04	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	109
3/24/05	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	104
8/23/05	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	125
12/1/05	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	103
3/8/06	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	52
6/20/06	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	88.3
10/12/06	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	84.9
1/5/07	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	119
3/22/07	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	93.6
7/18/07	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	110
1/24/08	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	75.6
3/20/08	BQL	BQL	BQL	BQL	--	BQL	1.19	NA	NA	NA	NA	NA	NA	94.1
6/24/08	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	89.3
1/14/09	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	101
4/22/09	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	NA	NA	91.2
7/16/09	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	NA	NA	102
10/14/09	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	NA	NA	107
1/14/10	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	NA	NA	105
4/16/10	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 5: HISTORICAL WATER WELL SAMPLE RESULTS

Compound/Analysis	Benzene	Ethylbenzene	Toluene	Total Xylenes	Total BTEX	MTBE	DIPE	1,2-DCB	1,3-DCB	1,4-DCB	EDB	Method 601	Lead	Chloride
2L Standards	1	29	1,000	.530	---	200	70	24	170	1.4	4×10^{-1}	---	15	250
Water Supply Wells														
Brown (7)														
6/12/03	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	BQL	BQL	BQL	380
10/8/03	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	420
1/8/04	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	297
4/7/04	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	BQL	470
7/20/04	BQL	BQL	BQL	BQL	--	BQL	1.57	NA	NA	NA	NA	NA	BQL	408
12/15/04	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	330
3/24/05	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	475
8/23/05	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	305
12/1/05	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	228
3/8/06	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	110
6/20/06	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	230
10/12/06	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	220
1/5/07	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	273
3/33/07	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	177
7/18/07	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	224
1/24/08	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	212
3/20/08	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	207
6/24/08	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	163
1/14/09	BQL	BQL	BQL	BQL	--	BQL	BQL	NA	NA	NA	NA	NA	NA	205
4/22/09	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	NA	NA	NA	215
7/16/09	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	NA	NA	NA	277
10/14/09	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	NA	NA	NA	164
1/14/10	ND	ND	13.2	ND	13.2	ND	ND	ND	ND	ND	NA	NA	NA	169
4/16/10	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	NA	NA	NA	167

Notes:

All results in parts per billion (ppb), except chloride which is presented in parts per million (ppm)

Concentrations which exceed the 2L Groundwater Quality Standards are bold

2L Standards - Subchapter 2L Quality Standards for Class GA groundwater

MTBE - Methyl-tert-butyl-ether

DIPE - Diisopropyl ether

DCB - Dichlorobenzene

Environmental Alliance began sampling in April 2009, all previous samples collected by others

!- Hancock location removed from sampling due to connection to public water supply

† - Not sampled, well inaccessible

NA- Not analyzed for this compound

NS - Not Sampled

ND - Non-detect

BQL- Below the quantitation limit of the method of analysis

SW - South Well

Mrs. Ruth DeBrito, Smithfield Foods, Inc.
Hancock Country Hams, Franklinville, North Carolina

TABLE 6: HISTORICAL SURFACE WATER SAMPLE RESULTS

Compound/ Analysis	S-1 (upper)																				State Standard							
	10/31/83 ¹	10/11/96 ¹	2/18/98 ¹	6/12/03 ²	10/8/03 ²	1/8/04 ²	4/7/04 ²	7/20/04 ²	12/15/04 ²	3/24/05 ²	8/23/05 ²	12/01/05 ²	3/08/06 ²	6/20/06 ²	10/12/06 ²	1/3/07 ²	3/22/07 ²	7/18/07 ²	1/24/08 ²	3/20/08 ²	6/24/08 ²	1/14/09 ²	4/21/09 ²	7/16/09 ²	10/14/09 ²	1/13/10	4/16/10	
Benzene ³	NA	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	BQL	BQL	NS	NS	BOL	BOL	NS	NS	BQL	NS	BQL	ND	DRY	DRY	ND	ND	1.19	
Ethylbenzene ³	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NS	BOL	BOL	NS	NS	BOL	BOL	NS	NS	BOL	NS	BOL	ND	DRY	DRY	ND	ND	—	
Toluene ³	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NS	BOL	BOL	NS	NS	BOL	BOL	NS	NS	BOL	NS	BOL	ND	DRY	DRY	ND	ND	11	
Total Xylenes ³	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NS	BOL	BOL	NS	NS	BOL	BOL	NS	NS	BOL	NS	BOL	ND	DRY	DRY	ND	ND	—	
Total BTEX	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MTBE ⁴	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NS	BQL	BQL	NS	NS	BOL	BOL	NS	NS	BQL	NS	BOL	ND	DRY	DRY	ND	ND	—	
DiPE ⁵	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NS	BQL	BQL	NS	NS	BOL	BOL	NS	NS	BOL	NS	BOL	ND	DRY	DRY	ND	ND	—	
1,2-DCB ¹	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	DRY	DRY	ND	ND	—
1,3-DCB ¹	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	DRY	DRY	ND	ND	—
1,4-DCB ¹	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	DRY	DRY	ND	ND	—
EDB ¹	NA	BOL	BOL	BOL	NA	NA	NA	NA	NA	NS	NA	NA	NS	NS	BOL	BOL	NS	NS	BOL	NS	BOL	NA	DRY	DRY	NA	NA	—	
Method 601 ¹	NA	BOL	BOL	BOL	NA	NA	NA	NA	NA	NS	NA	NA	NS	NS	BOL	BOL	NS	NS	BOL	NS	BOL	NA	DRY	DRY	NA	NA	—	
Lead ³	NA	BOL	BOL	BOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BOL	BOL	NS	NS	BOL	NS	BOL	NA	DRY	DRY	NA	NA	25	
Chloride ⁶	1,000	74.6	22.8	12	7.6	10.8	13.6	20.9	31.6	27.8	NS	31.3	35	NS	NS	37.5	23.3	NS	NS	46.3	NS	25.1	14.2	DRY	DRY	9.08	6.52	250
Compound/ Analysis	S-2 (mid)																				State Standard							
	10/31/83 ¹	10/11/96 ¹	2/18/98 ¹	6/12/03 ²	10/8/03 ²	1/8/04 ²	4/7/04 ²	7/20/04 ²	12/15/04 ²	3/24/05 ²	8/23/05 ²	12/01/05 ²	3/08/06 ²	6/20/06 ²	10/12/06 ²	1/3/07 ²	3/22/07 ²	7/18/07 ²	1/24/08 ²	3/20/08 ²	6/24/08 ²	1/14/09 ²	4/21/09 ²	7/16/09 ²	10/14/09 ²	1/13/10	4/16/10	
Benzene ³	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NS	BOL	BOL	NS	NS	BOL	BOL	NS	NS	BOL	NS	BOL	ND	DRY	DRY	ND	ND	1.19	
Ethylbenzene ³	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NS	BOL	BOL	NS	NS	BOL	BOL	NS	NS	BOL	NS	BOL	ND	DRY	DRY	ND	ND	—	
Toluene ³	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NS	BOL	BOL	NS	NS	BOL	BOL	NS	NS	BOL	NS	BOL	ND	DRY	DRY	ND	ND	11	
Total Xylenes ³	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NS	BOL	BOL	NS	NS	BOL	BOL	NS	NS	BOL	NS	BOL	ND	DRY	DRY	ND	ND	—	
Total BTEX	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MTBE ⁴	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NS	BOL	BOL	NS	NS	BOL	BOL	NS	NS	BOL	NS	BOL	ND	DRY	DRY	ND	ND	—	
DiPE ⁵	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NS	BOL	BOL	NS	NS	BOL	BOL	NS	NS	BOL	NS	BOL	ND	DRY	DRY	ND	ND	—	
1,2-DCB ¹	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	DRY	DRY	ND	ND	—
1,3-DCB ¹	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	DRY	DRY	ND	ND	—
1,4-DCB ¹	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	DRY	DRY	ND	ND	—
EDB ¹	NA	BOL	BOL	BOL	NA	NA	NA	NA	NA	NS	NA	NA	NS	NS	BOL	BOL	NS	NS	BOL	NS	BOL	NA	DRY	DRY	NA	NA	—	
Method 601 ¹	NA	BOL	BOL	BOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BOL	BOL	NS	NS	BOL	NS	BOL	NA	DRY	DRY	NA	NA	—	
Lead ³	NA	BOL	BOL	BOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BOL	BOL	NS	NS	BOL	NS	BOL	NA	DRY	DRY	NA	NA	25	
Chloride ⁶	840	72.2	156	27	16	39.8	41.1	15.1	64.1	49.8	79.2	248	39	26.4	NS	39.9	55.9	NS	72.9	NS	62.5	17.5	DRY	DRY	46.2	11.8	250	
Compound/ Analysis	S-3 (lower)																				State Standard							
	10/31/83 ¹	10/11/96 ¹	2/18/98 ¹	6/12/03 ²	10/8/03 ²	1/8/04 ²	4/7/04 ²	7/20/04 ²	12/15/04 ²	3/24/05 ²	8/23/05 ²	12/01/05 ²	3/08/06 ²	6/20/06 ²	10/12/06 ²	1/3/07 ²	3/22/07 ²	7/18/07 ²	1/24/08 ²	3/20/08 ²	6/24/08 ²	1/14/09 ²	4/21/09 ²	7/16/09 ²	10/14/09 ²	1/13/10	4/16/10	
Benzene ³	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NS	BOL	BOL	NS	NS	BOL	BOL	NS	NS	BOL	NS	BOL	ND	DRY	DRY	ND	ND	1.19	
Ethylbenzene ³	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NS	BOL	BOL	NS	NS	BOL	BOL	NS	NS	BOL	NS	BOL	ND	DRY	DRY	ND	ND	—	
Toluene ³	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NS	BOL	BOL	NS	NS	BOL	BOL	NS	NS	BOL	NS	BOL	ND	DRY	DRY	ND	ND	11	
Total Xylenes ³	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NS	BOL	BOL	NS	NS	BOL	BOL	NS	NS	BOL	NS	BOL	ND	DRY	DRY	ND	ND	—	
Total BTEX	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MTBE ⁴	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NS	BOL	BOL	NS	NS	BOL	BOL	NS	NS	BOL	NS	BOL	ND	DRY	DRY	ND	ND	—	
DiPE ⁵	NA	BOL	BOL	BOL	BOL	BOL	BOL	BOL	BOL	NS	BOL	BOL	NS	NS	BOL	BOL	NS	NS	BOL	NS	BOL	ND	DRY	DRY	ND	ND	—	
1,2-DCB ¹	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	DRY	DRY	ND	ND	—
1,3-DCB ¹	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	DRY	DRY	ND	ND	—
1,4-DCB ¹	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	DRY	DRY	ND	ND	—
EDB ¹	NA	BOL	BOL	BOL	NA	NA	NA	NA	NA	NS	NA	NA	NS	NS	BOL	BOL	NS	NS	BOL	NS	BOL	NA	DRY	DRY	NA	NA	—	
Method 601 ¹	NA	BOL	BOL	BOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BOL	BOL	NS	NS	BOL	NS	BOL	NA	DRY	DRY	NA	NA	—	
Lead ³	NA	BOL	BOL	BOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BOL	BOL	NS	NS	BOL	NS	BOL	NA	DRY	DRY	NA	NA	25	
Chloride ⁶	700	295	54.7	29	32	53.4	53.1	97.1	105	51.2	35.6	140	61	75.8	25.9	79.8	70.9	NS	75.8	79.3	84.3	77.2	46.7	DRY	DRY	41.0	17.5	250

Notes:

All results in parts per billion (ppb), except chloride which is presented in parts per million (ppm)

Concentrations which exceed the 2B Surface Water Quality Standards for Surface Water (NCAC 15A 2B 0200)

NS - Not Sampled

NA - Not analyzed for this compound

ND - Non-detected

BQL - Below the quantitation limit of the method of analysis

MTBE - Methyl-Tert-butyl-Ether

DCB - Dichlorobenzene

TABLE 7: SUMMARY OF MONITORING WELL AND GROUNDWATER ELEVATION DATA

Well No.	Elevation ¹ (ft)		Well Construction (ft)				Static Water Levels																	
							11/18/88 ³		2/17-19/98 ⁴		3/13/99 ⁴		5/23/99 ⁴		6/12/03 ⁵		10/8/03 ⁵		1/8/04 ⁶		4/7/04 ⁶		7/20/04 ⁶	
	Top of Casing	Top of Screen	Length of Screen	Depth of Casing ⁵	Depth of Well	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)
MW-1S	842.84	845.31	5.0	NA	15	13.95	831.36	13.20	832.11	—	—	14.25	831.06	14.21	828.63	14.34	828.50	14.17	828.67	14.07	828.77	14.32	828.52	
MW-1D	674.66	-	NA	11.0	72	13.11	663.00	4.70	671.41	—	—	11.05	665.06	—	—	9.30	665.36	9.43	665.23	7.96	666.70	10.74	663.92	
P-1	809.32	811.84	2.40	NA	3	3.60	808.24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
P-2	NM	765.00	2.4	NA	5.5	3.70	761.30	4.95	760.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
P-3	682.98	684.89	2.4	NA	2.9	2.78	682.11	2.22	682.67	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
RW-1	842.56	-	NA	23.8	220	—	—	130.85	712.31	147.25	695.91	>151.50	<691.66	159.20	703.36	117.99	724.57	119.08	723.48	122.22	720.34	118.11	724.45	
RW-2	850.47	-	NA	38.6	401	—	—	130.40	720.58	149.62	701.36	145.50	705.48	126.25	724.22	121.88	728.59	122.75	727.72	123.47	727.00	121.79	728.68	
RW-3	840.65	-	NA	52.5	340	—	—	129.50	711.47	141.25	699.72	139.55	701.42	124.14	716.51	118.86	727.79	115.78	724.87	113.32	727.33	113.04	727.61	
RW-4	821.49	-	NA	20.0	301	—	—	105.20	715.10	119.11	701.19	118.25	702.05	103.34	718.15	96.11	725.38	97.46	724.03	97.81	723.68	95.66	725.83	
RW-5	831.07	-	NA	29.5	303	—	—	115.35	716.63	129.10	702.88	128.35	703.63	112.26	718.81	105.87	725.20	107.55	723.52	107.22	723.85	105.78	725.29	
RW-6 (PLW)	858.38	-	NA	37.7	267	137.64	721.68	137.28	722.04	151.10	708.22	150.35	708.97	132.53	725.85	126.69	731.69	128.68	729.70	129.41	728.97	127.04	731.34	
RW-7	857.00	-	NA	14.1	221	—	—	134.70	722.96	145.45	712.21	145.20	712.46	130.27	726.73	124.62	732.38	126.74	730.26	127.46	729.54	125.09	731.91	

Well No.	Elevation ¹ (ft)		Well Construction (ft)				Static Water Levels																	
							1/05/05 ⁵		3/24/05 ⁵		8/23/05 ⁴		12/01/05 ⁶		3/08/06 ⁵		6/20/06 ⁵		10/12/06 ⁶		1/3/07 ⁵		3/22/07 ⁶	
	Top of Casing	Top of Screen	Length of Screen	Depth of Casing ⁵	Depth of Well	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)
MW-1S	842.84	845.31	5.0	NA	15	14.07 ⁷	828.77	13.8	829.04	14.19	828.65	13.93	828.91	12.95	828.89	14.05	828.79	14.16	828.68	13.64	829.20	13.82	829.09	
MW-1D	674.66	-	NA	11.0	72	10.02 ⁷	664.64	7.39	667.27	11.39	663.27	12.15	662.31	12.33	662.33	14.52	660.14	10.28	664.38	9.02	665.64	—	—	
P-1	809.32	811.84	2.40	NA	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
P-2	NM	765.00	2.4	NA	3.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
P-3	682.98	684.89	2.4	NA	2.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
RW-1	842.56	-	NA	23.8	220	121.75	720.81	118.31	724.25	118.11	724.45	121.85	720.77	121.82	720.74	121.49	721.07	123.17	719.39	123.65	718.91	122.61	719.95	
RW-2	850.47	-	NA	38.6	401	127.24	723.23	122.99	727.48	123.92	726.55	127.16	723.31	124.04	726.43	126.04	724.43	128.63	721.84	127.99	722.48	125.4	725.07	
RW-3	840.65	-	NA	52.5	340	121.92	718.73	114.96	725.69	114.1	726.55	123.01	717.64	115.14	725.51	115.52	725.13	115.6	725.05	124.6	716.05	114.97	725.68	
RW-4	821.49	-	NA	20.0	301	100.69	721.40	106.18	715.31	106.32	715.17	103.47	718.02	103.36	710.49	102.42	717.29	102.22	719.27	102.08	719.41	100.59	720.90	
RW-5	831.07	-	NA	29.5	303	110.30	720.77	116.45	714.62	116.62	714.45	113.75	717.32	113.65	717.42	108.14	722.93	108.21	722.84	112.25	718.82	109.91	721.16	
RW-6 (PLW)	858.38	-	NA	37.7	267	130.95	727.43	139.11	719.27	139.31	719.07	134.70	723.68	134.87	723.51	129.39	728.99	129.02	729.36	132.56	725.82	136.50	721.88	
RW-7	857.00	-	NA	14.1	221	129.25	727.75	137.05	719.95	137.21	719.79	132.65	724.35	132.98	724.02	127.46	729.54	127.13	729.87	130.60	726.40	128.74	728.26	

Well No.	Elevation ¹ (ft)		Well Construction (ft)				Static																	
							7/18/07 ⁴		1/24/08 ⁴		3/20/08 ⁶		6/24/08 ⁶		1/14/09 ⁶		4/22/09 ⁵		7/16/09 ⁵		10/14/09 ⁶		1/13/10 ⁶	
	Top of Casing	Top of Screen	Length of Screen	Depth of Casing ⁵	Depth of Well	Depth (ft.)	Elevation	Depth (ft.)	Elevation	Depth (ft.)														
MW-1S	842.84	845.31	5.0	NA	15	12.21	830.63	14.6	828.24	14.47	828.37	14.42	828.42	14.88	827.96	14.72	828.12	14.95	827.88	14.72	828.12	13.92	828.92	—
MW-1D	674.66	-	NA	11.0	72	12.77	661.89	12.9	661.76	16.50	658.16	12.98	661.68	10.92	663.74	8.32	666.34	12.02	662.64	14.51	660.15	10.79	663.87	—
P-1	809.32	811.84	2.40	NA	3	—	—	—	—	—	—	—	—	—	—	—	—	Dry	—	—	—	—	—	—
P-2	NM	765.00	2.4	NA	3.5	—	—	—	—	—	—	—	—	—	—	—	—	1.88	681.10	2.27	680.71	2.78	680.20	—
P-3	682.98	684.89	2.4	NA	2.9	—	—	—	—	—	—	—	—	—	—	—	—	1.88	681.10	2.27	680.71	2.78	680.20	—
RW-1	842.56	-	NA	23.8																				

TABLE 7: SUMMARY OF MONITORING WELL AND GROUNDWATER ELEVATION DATA

Well No.	Elevation ¹ (ft)		Well Construction (ft)			Static Water Levels	
	Top of Casing	Top of Screen	Length of Screen	Depth of Casing ²	Depth of Well	Depth (ft.)	4/15/10 ³ Elevation
MW-1S	842.84	845.31	5.0	NA	15	13.52	829.32
MW-1D	674.66	-	NA	11.0	72	11.04	663.62
P-1	809.32	811.84	2.40	NA	3'	--	--
P-2	NM	765.00	2.4	NA	5.5	Dry	--
P-3	682.98	684.89	2.4	NA	2.9	1.81	681.17
RW-1	842.56	-	NA	23.8	220	115.62	726.94
RW-2	850.47	-	NA	38.6	401	117.05	733.42
RW-3	840.65	-	NA	52.5	340	111.42	729.23
RW-4	821.49	-	NA	20.0	301	94.51	726.98
RW-5	831.07	-	NA	29.5	303	104.68	725.39
RW-6 (PLW)	858.38	-	NA	37.7	267	125.58	732.80
RW-7	857.00	-	NA	14.1	221	123.65	733.35

— Depth to Groundwater Not Measured

¹Elevations surveyed from USGS Benchmark by Concord Engineering & Surveying.

²Static water levels measured from the top of casing

³Water levels measured by Westinghouse Environmental Services.

⁴Water levels measured by BPA Environmental & Engineering, Inc

⁵Bedrock Well - Open hole from this depth down. Depth of casing determined from geophysical logging.

⁶Water levels measured by Trigon Engineering Consultants, Inc.

⁷MW-1D and MW-1S water level measured 12/15/04

⁸Water levels measured by Environmental Alliance, Inc.

NA - Not applicable

MW - Monitoring well

P - Piezometer

RW - Recovery Well

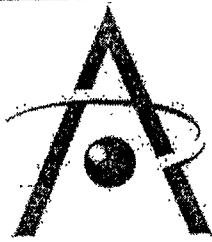
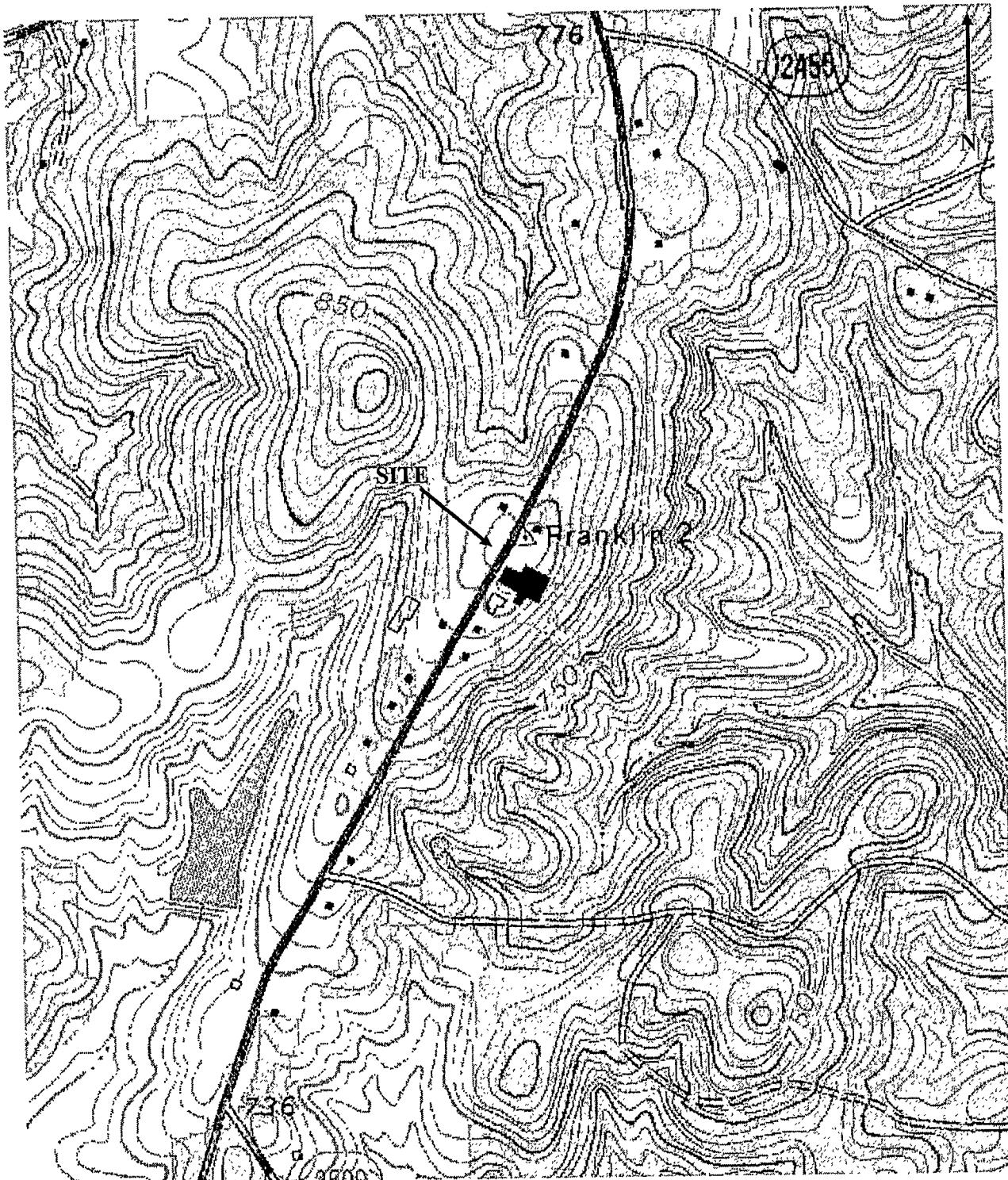
PLW - Also referred as the Parking Lot Well

*Ms. Ruth Debrito, Smithfield Foods, Inc.
Hancock Country Hams, Franklinville, North Carolina*

TABLE 8: MONITORING SCHEDULE

Sample Location/Task	Frequency	Analysis
RW-1 thru RW-7, MW-1S, MW-1D	Quarterly	Method 602 plus MTBE/DIPE and Chloride
Water Wells	Quarterly	Method 602 plus MTBE/DIPE and Chloride
Creek	Quarterly	Method 602 plus MTBE/DIPE and Chloride
Soil Chloride Area	Annually	Standard Method 300 for Chloride

FIGURES



Environmental Alliance, Inc.
10993 South Richardson Road, Suite 17
Ashland, Virginia 23005

SCALE:
1"=400'

DATE:
1/15/09

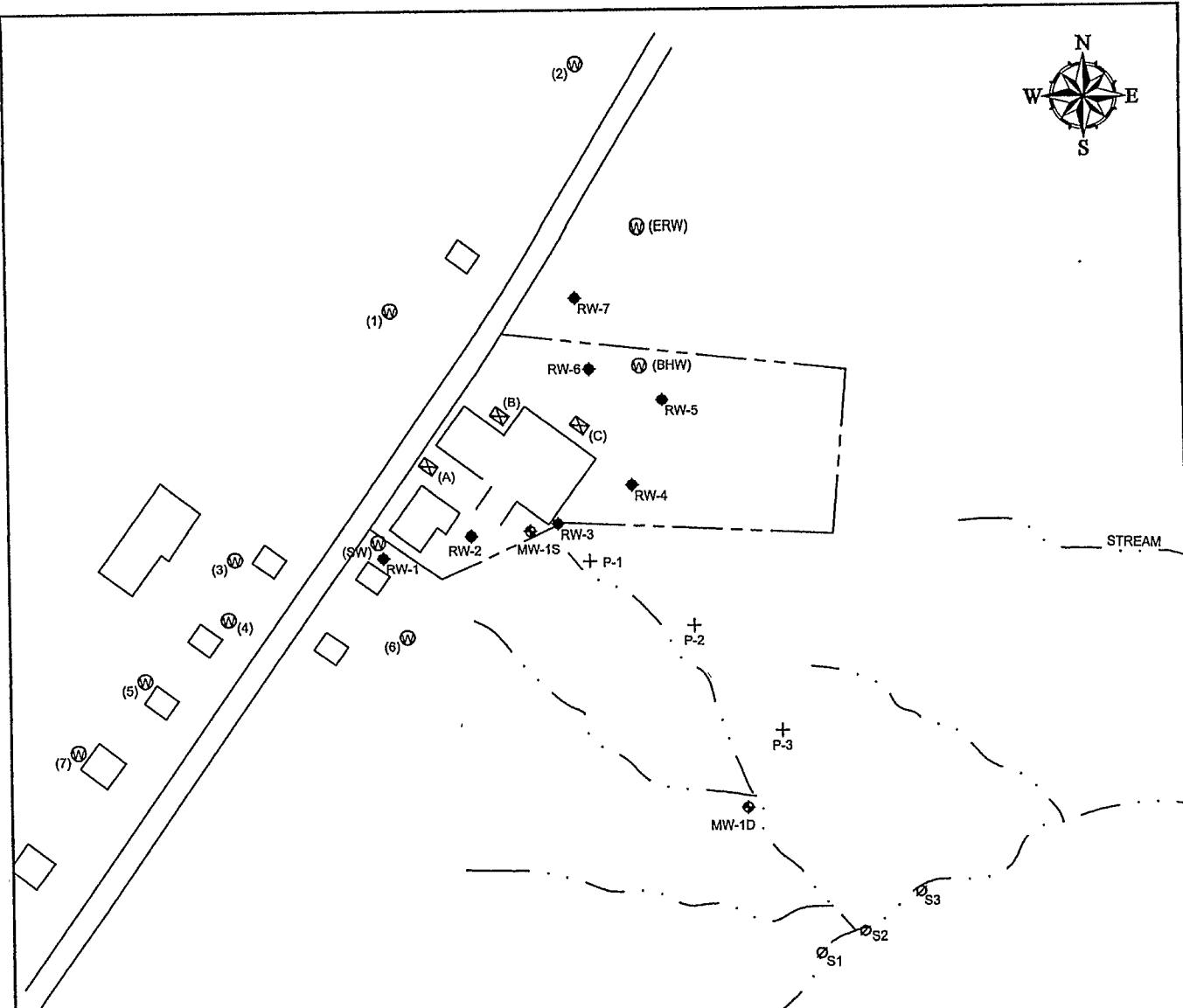
APPROVED
BY: JSE

SOURCE: 1974 USGS TOPOGRAPHIC MAP, GRAYS
CHAPEL QUADRANGLE

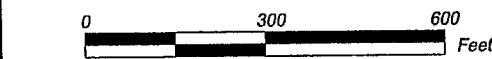
HANCOCK COUNTRY HAMS
3484 NC HIGHWAY 22
FRANKLINVILLE, NORTH CAROLINA
TRIGON PROJECT NO. 99197

SITE LOCATION MAP

FIGURE
1

EXPLANATION

- STRUCTURES
- FORMER UNDERGROUND STORAGE TANK LOCATION (LETTER DESIGNATES PIT LOCATION)
- ◆ RECOVERY WELL
- SURFACE WATER SAMPLE
- + PIEZOMETER SAMPLE
- ♦ MONITORING WELL
- (7) W DOMESTIC WATER SUPPLY WELL (NUMBER FOR IDENTIFICATION PURPOSE ONLY)
ERW - ED RHOES WELL
BHW - BLOCK HOUSE WELL (ABANDONED)
SW - SOUTH WELL



Source: Trigon Engineering, Inc., 2008

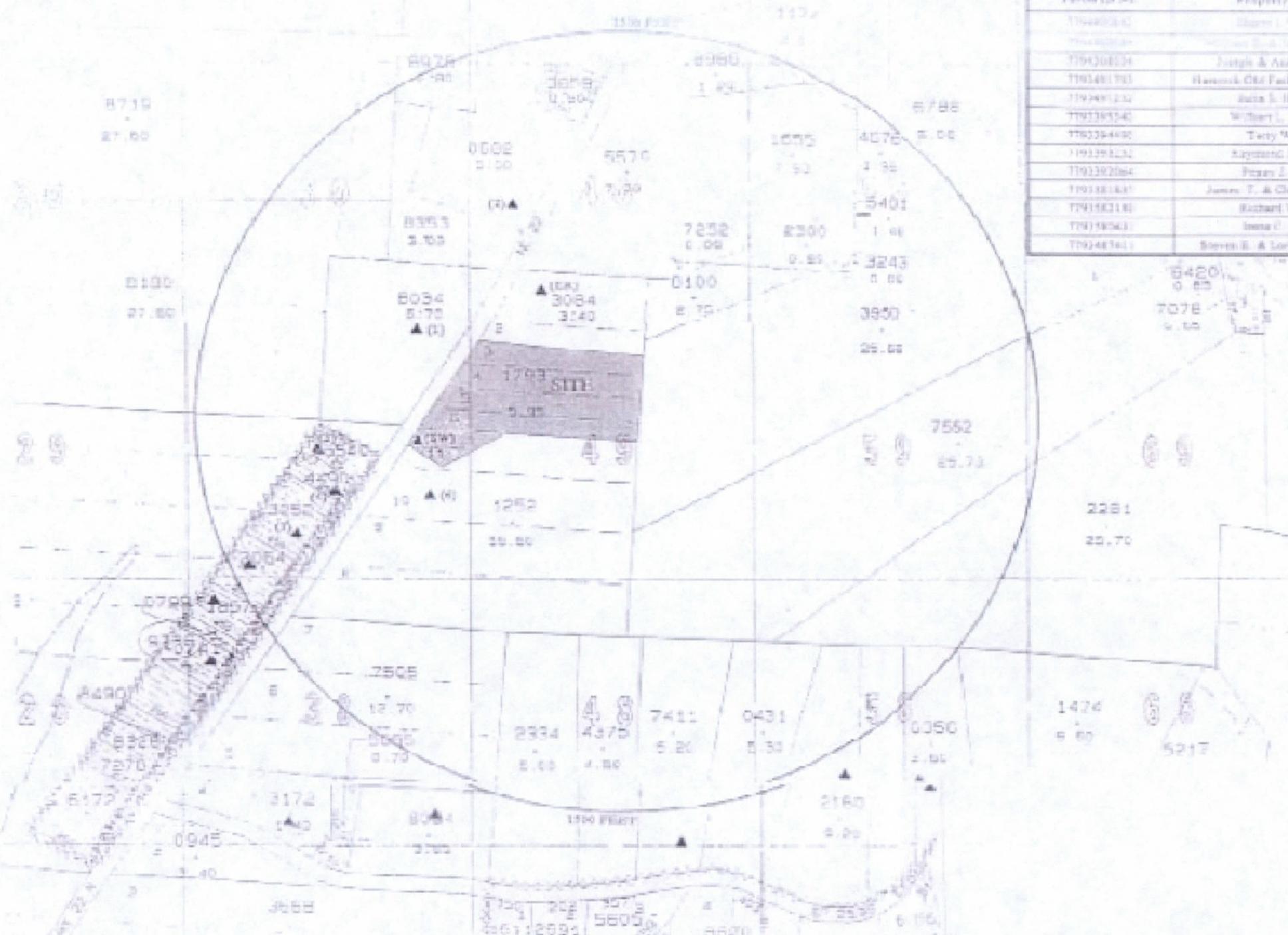


Environmental Alliance, Inc.
10993 South Richardson Road, Suite 17,
Ashland, VA 23005
Phone: (804) 752-3558 - Fax: (804) 752-3559

HANCOCK COUNTRY HAMS
FRANKLINVILLE, NORTH CAROLINA

SITE MAP

DESIGNED BY:	DRAWN BY:	UPDATED BY:	FIGURE NO:
—	AGG	—	2
APPROVED BY: JSE	PROJECT NO. 2719	DATE: 5/20/2009	



Parcel ID No.	Property Owner	Property Address
7794400380	Elaine J. Schmitz	1805 NC Hwy 129, Franklin NC 27748
7794400381	Robert B. & Linda P. Frazee	1805 NC Hwy 129, Franklin NC 27748
7794301524	Joseph & Anna Bell Ross	1805 NC Hwy 129, Franklin NC 27748
7795481793	Hannock Old Fashion CTRV Bar	1802 NC Hwy 224, Franklin NC 27748
7794881232	Barry L. Harrold	1806 NC Hwy 224 E., Franklin NC 27748
7791385540	William L. Harrold	1104 Academy Rd Est., Franklin NC 27748
7792254682	Terry Wesley	P.O. Box 1780, Franklin NC 27748
7791391232	Laymond Jones, Jr.	1816 NC Hwy 224 E., Franklin NC 27748
7791392064	Patricia J. Brown	1805 NC Hwy 224, Franklin NC 27748
7791381467	James T. & Charlotte Kowal	1807 NC Hwy 224, Franklin NC 27748
7791402110	Ronald Wallace	1018 Cedar Forest Rd, Franklin NC 27748
7791365611	Ismael C. Farneti	1021 Cedar Forest Rd, Franklin NC 27748
7794473641	Beverly E. & Lorreta Thompson	1262 Cedar Forest Rd, Franklin NC 27748

EXPLANATION

- ▲ WATER SUPPLY WELL
(B) SAMPLE IDENTIFICATION NUMBER
6 LOT IDENTIFICATION NUMBER**

NOTE: WATER SUPPLY WELL LOCATIONS ARE APPROXIMATE

FIGURE FROM BLANDOLPH COUNTY,
NORTH CAROLINA 1896 PROPERTY MAP,
SERIAL 15, 1896 SHEET 184.



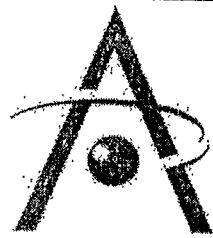
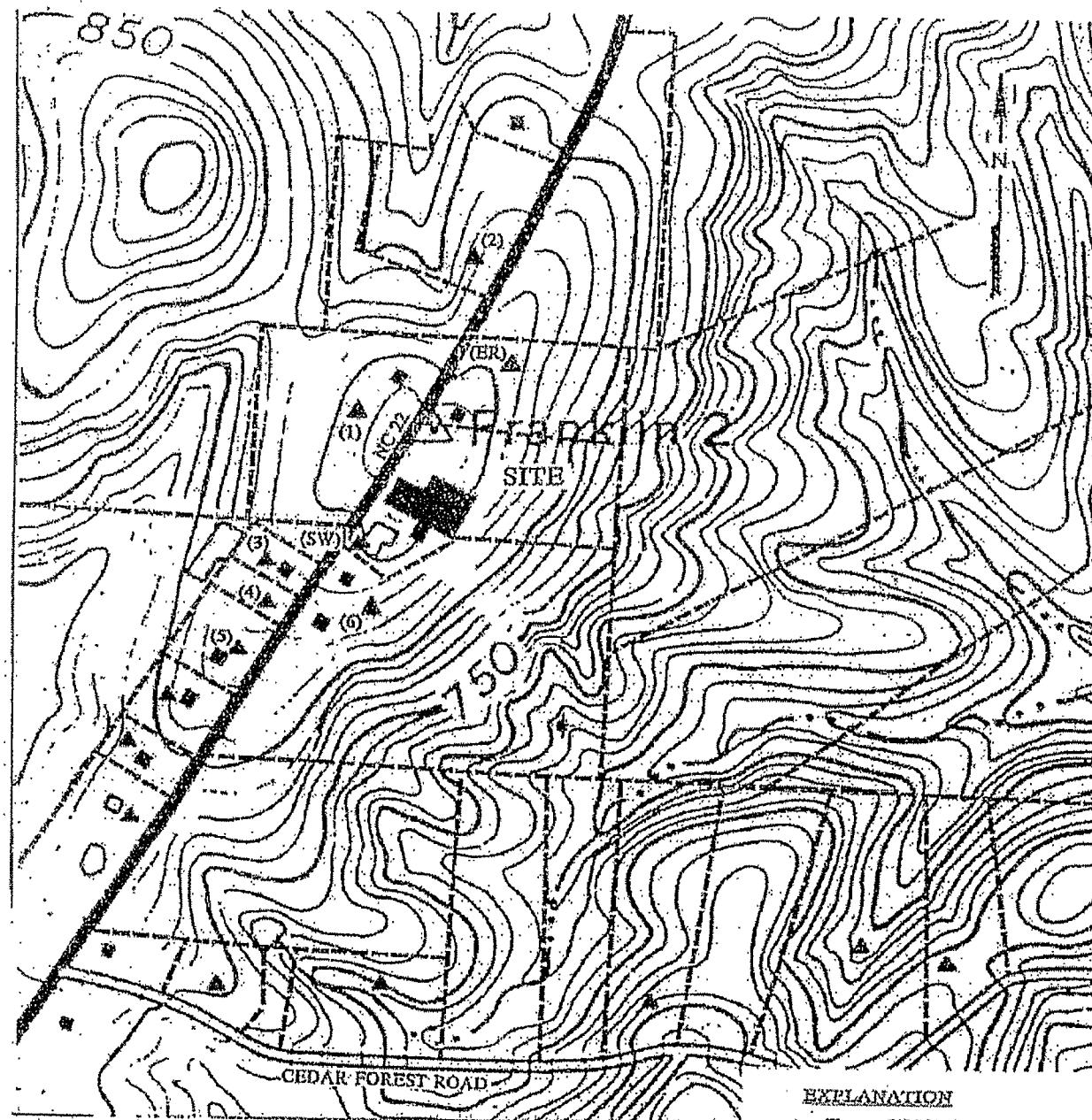
Environmental Alliance, Inc.
10993 South Richardson Road, Suite 1
Ashland, Virginia 23005

SCALE: 1" = 400' **DATE:** 1/15/09 **APPROVED BY:** JSE **SOURCE:** BPA ENVIRONMENTAL & ENGINEERING, INC. MARCH 23, 1998 REPORT

**HANCOCK COUNTRY HAMS
FRANKLINVILLE, NORTH CAROLINA
TRIGON PROJECT NO. 99197**

**WATER SUPPLY WELLS WITHIN
1500 FEET OF THE SITE**

FIGURE 3



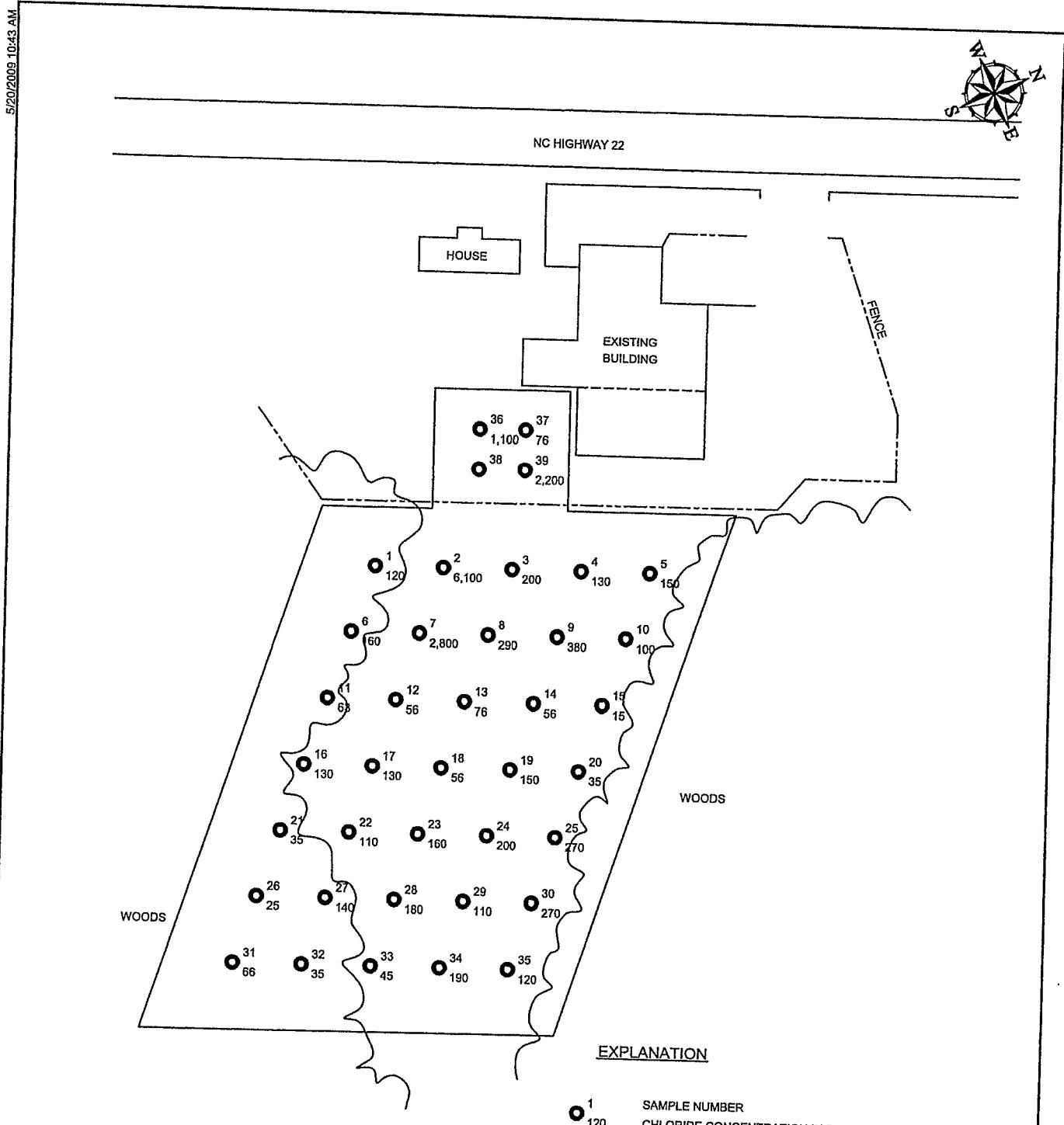
Environmental Alliance, Inc.
10993 South Richardson Road, Suite 17
Ashland, Virginia 23005

SCALE: 1" = 500	DATE: 1/15/09	APPROVED BY: JSE	SOURCE: 1974 USGS TOPOGRAPHIC MAP, GRAYS CHAPEL QUADRANGLE
--------------------	------------------	---------------------	---

HANCOCK COUNTRY HAMS
3484 NC HIGHWAY 22
FRANKLINVILLE, NORTH CAROLINA
TRIGON PROJECT NO. 99197

Topographic Relationship of Water Well to the Site

FIGURE
4



0 100 200 Feet

Source: Trigon Engineering, Inc., 2008

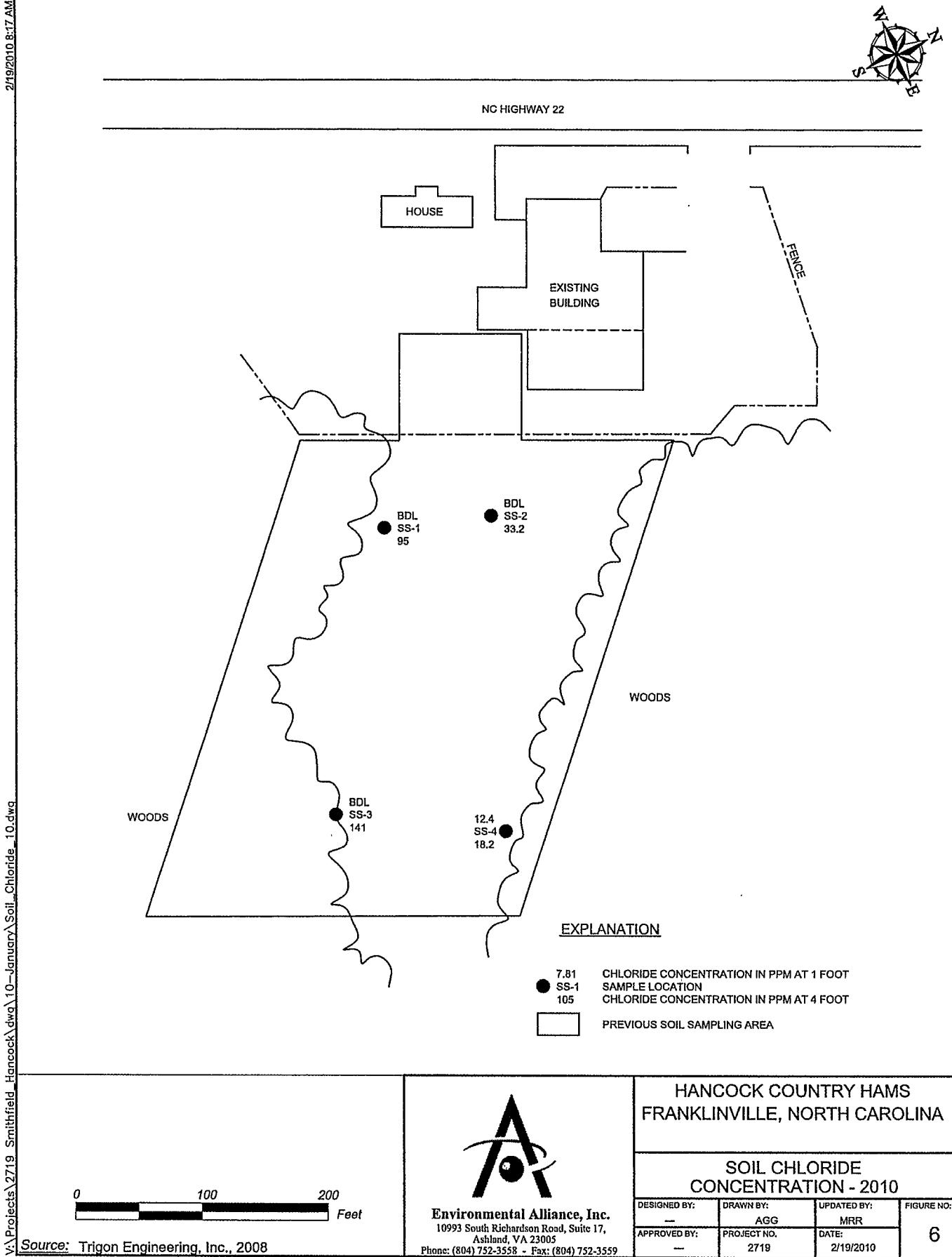


Environmental Alliance, Inc.
10993 South Richardson Road, Suite 17,
Ashland, VA 23005
Phone: (804) 752-3558 - Fax: (804) 752-3559

HANCOCK COUNTRY HAMS FRANKLINVILLE, NORTH CAROLINA

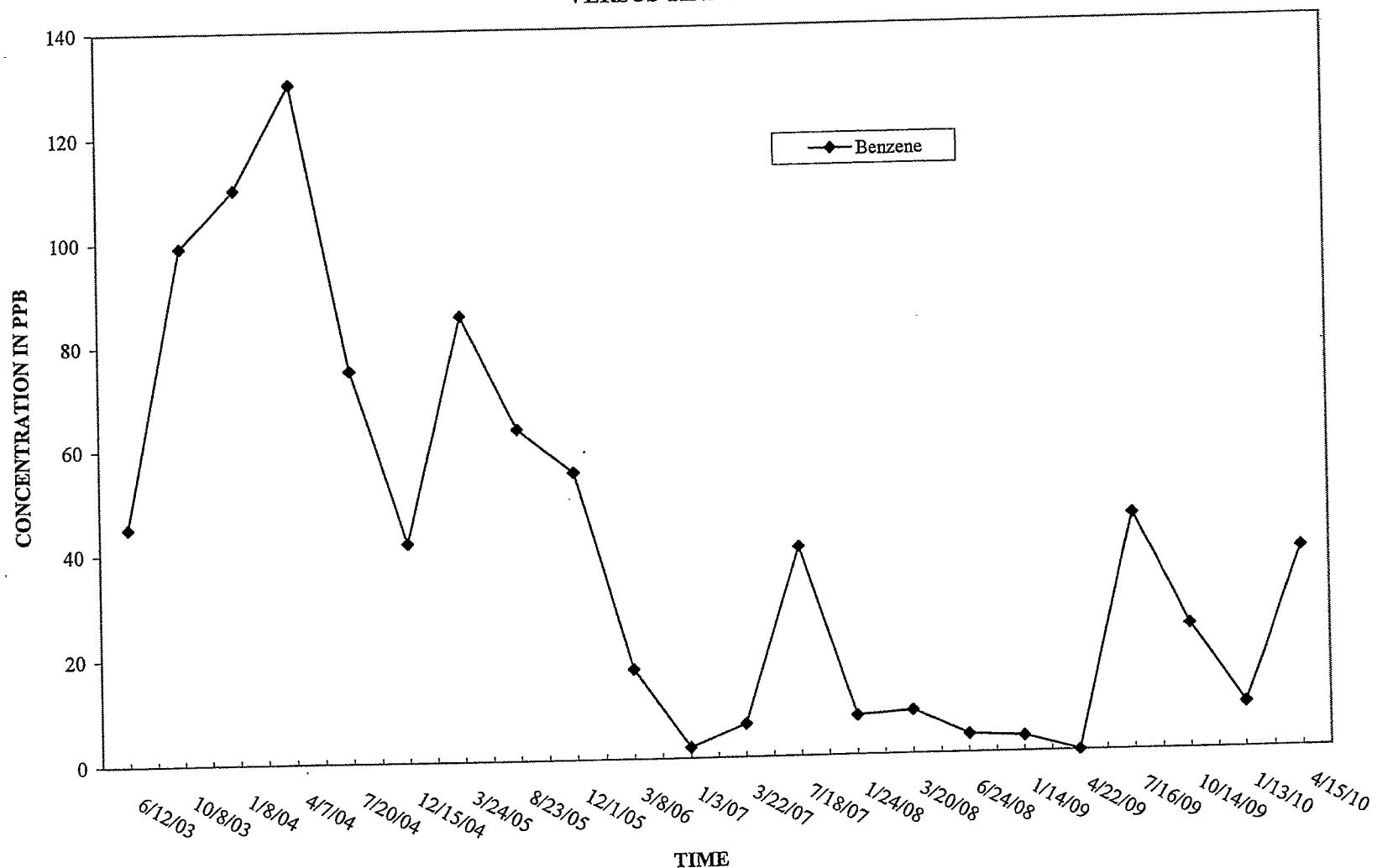
SOIL CHLORIDE CONCENTRATION - 1990

DESIGNED BY:	DRAWN BY:	UPDATED BY:	FIGURE NO:
—	AGG	—	
APPROVED BY:	PROJECT NO.	DATE:	
JSE	2719	5/20/2009	



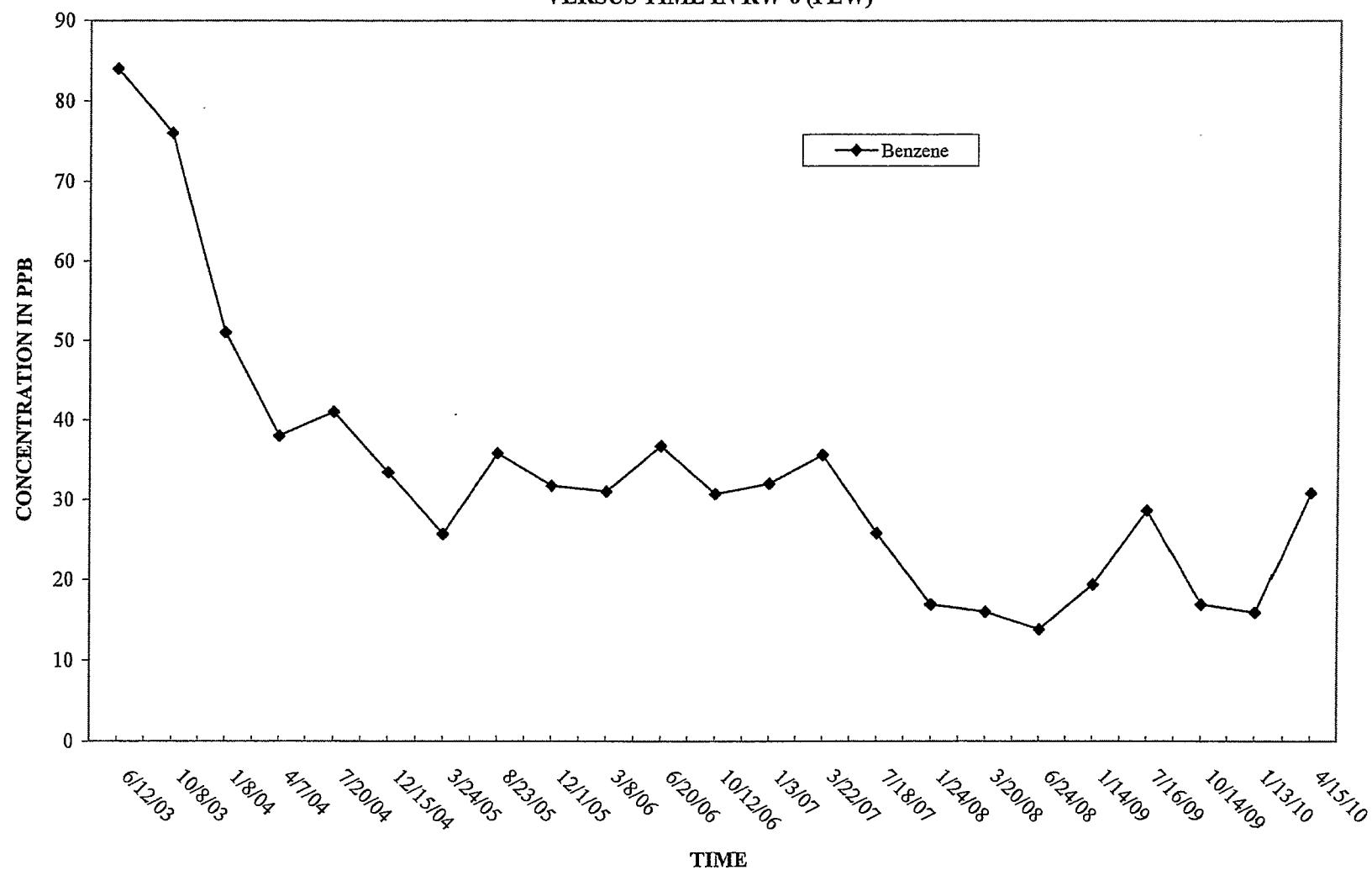
Ms. Ruth Debrito, Smithfield Foods, Inc,
Hancock Country Hams, Franklinville, North Carolina

FIGURE 7
CONCENTRATION OF BENZENE
VERSUS TIME IN RW-3



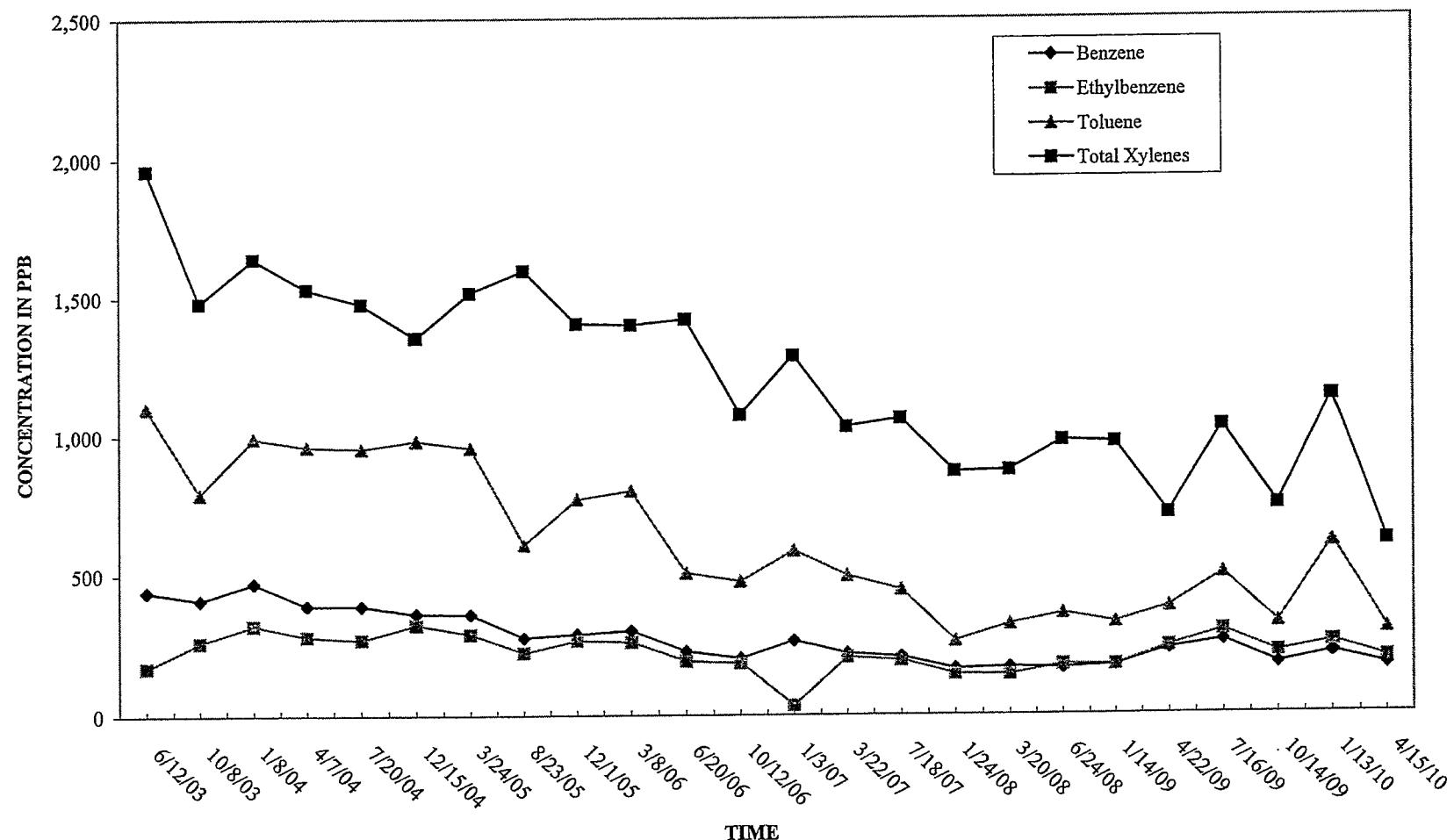
Ms. Ruth Debrito, Smithfield Foods, Inc.
Hancock Country Hams, Franklinville, North Carolina

FIGURE 8
CONCENTRATION OF BENZENE
VERSUS TIME IN RW-6 (PLW)



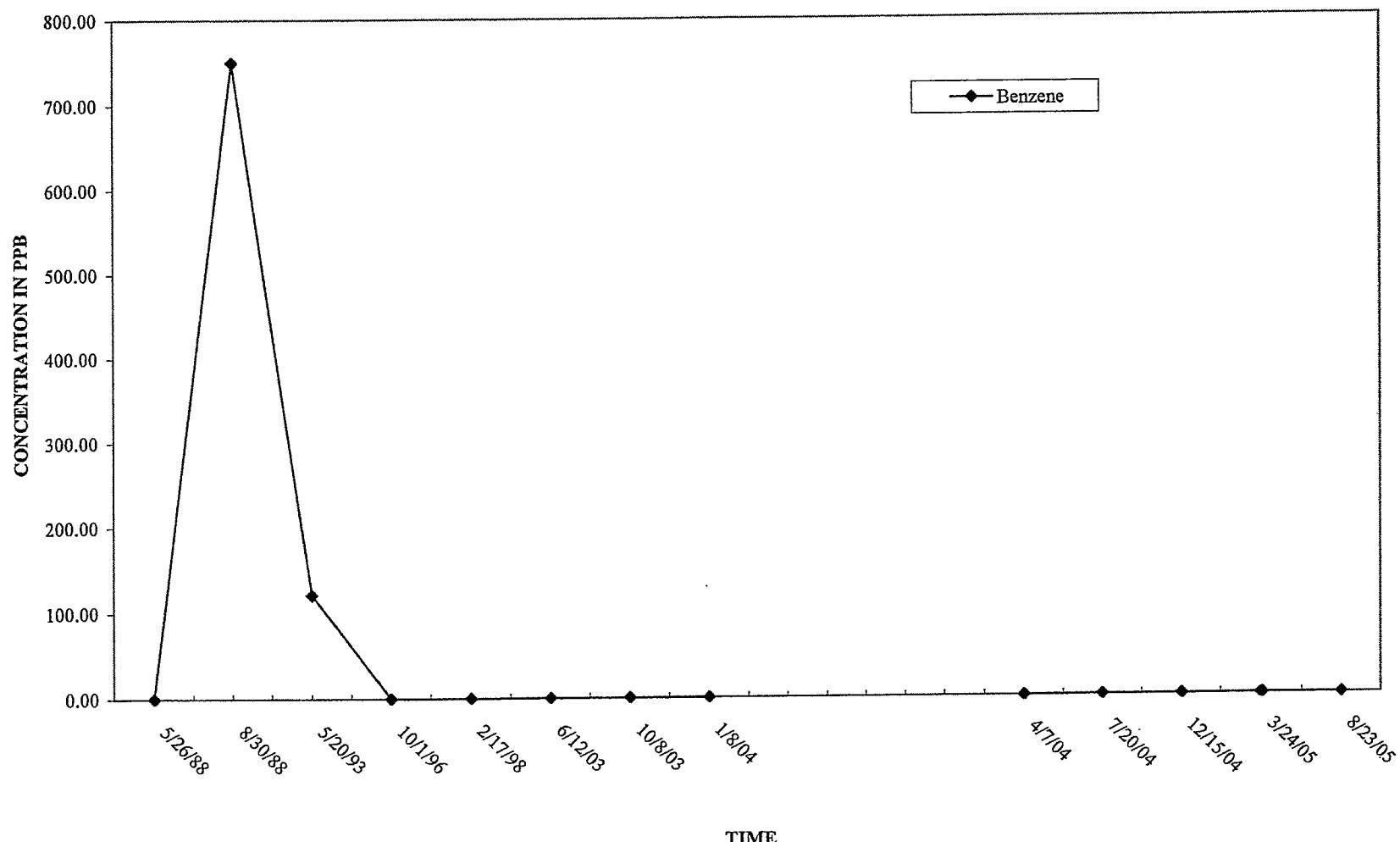
Ms. Ruth Debrito, Smithfield foods, Inc.
Hancock Country Hams, Franklinville, North Carolina

FIGURE 9
CONCENTRATION OF BENZENE, ETHYLBENZENE,
TOLUENE, AND TOTAL XYLEMES
VERSUS TIME IN RW-7



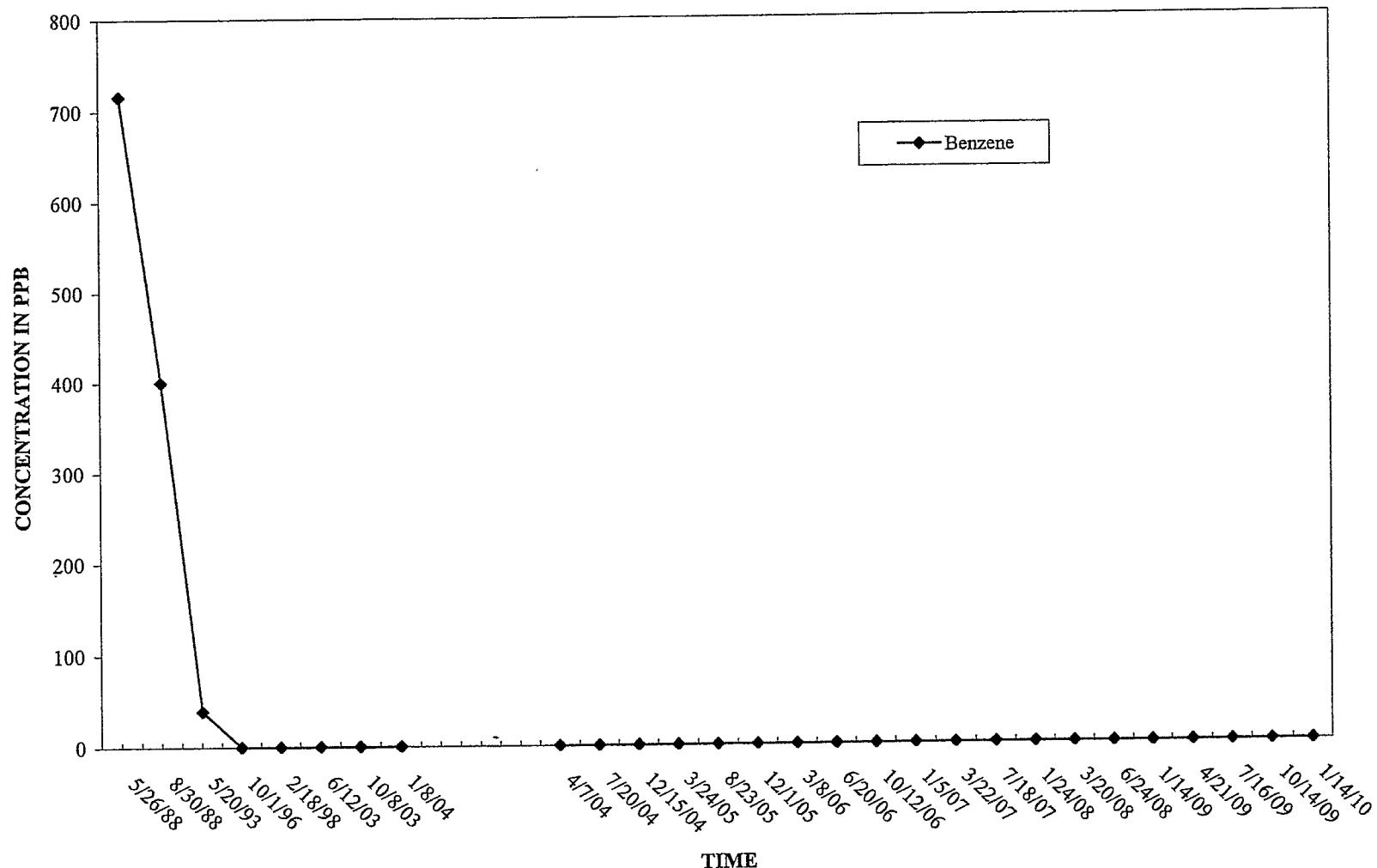
Ms. Ruth Debrito, Smithfield Foods, Inc.
Hancock Country Hams, Franklinville, North Carolina

FIGURE 10
CONCENTRATION OF BENZENE
VERSUS TIME IN THE SOUTH WELL (SW)



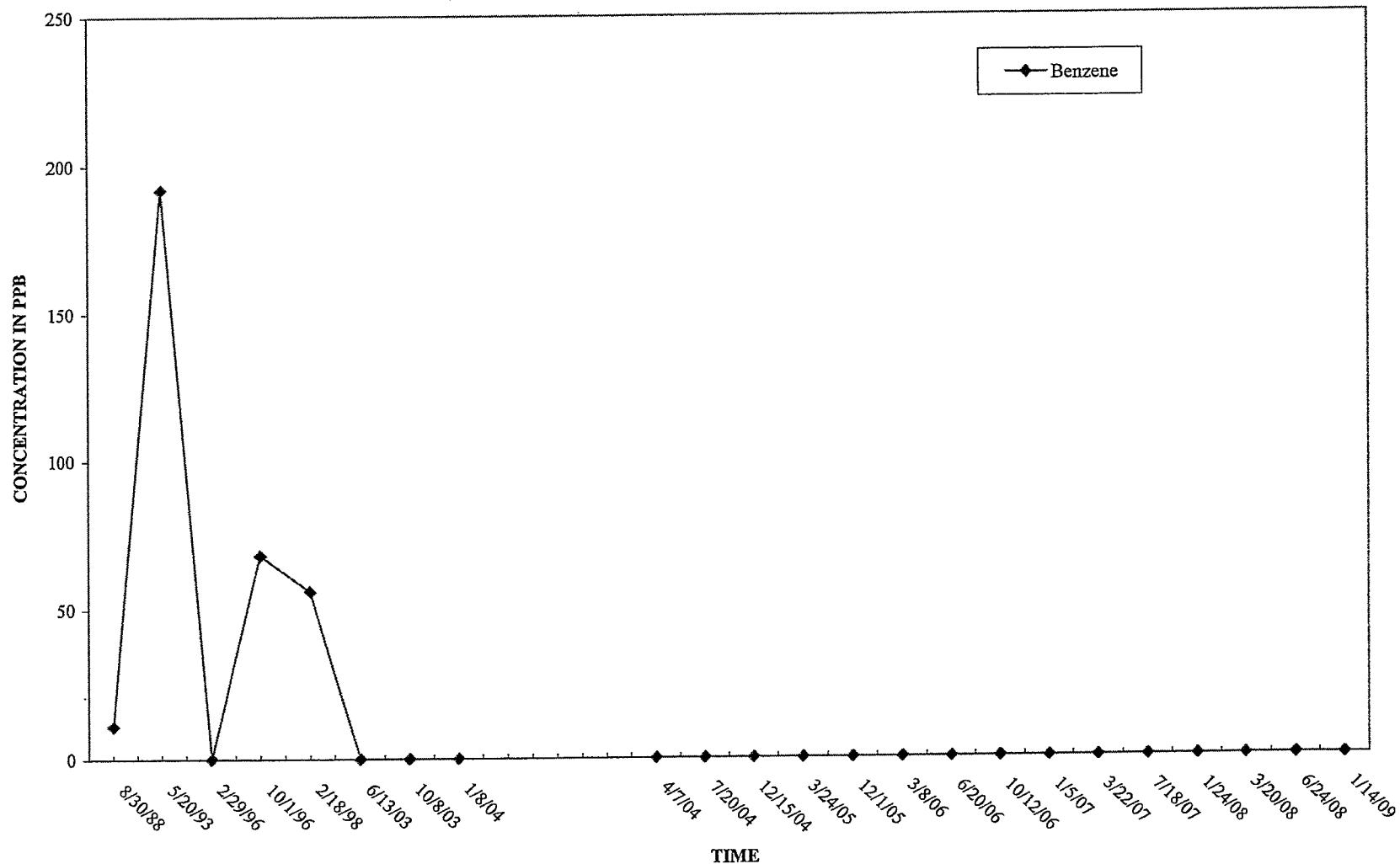
Ms. Ruth Debrito, Smithfield Foods, Inc.
Hancock Country Hams, Franklinville, North Carolina

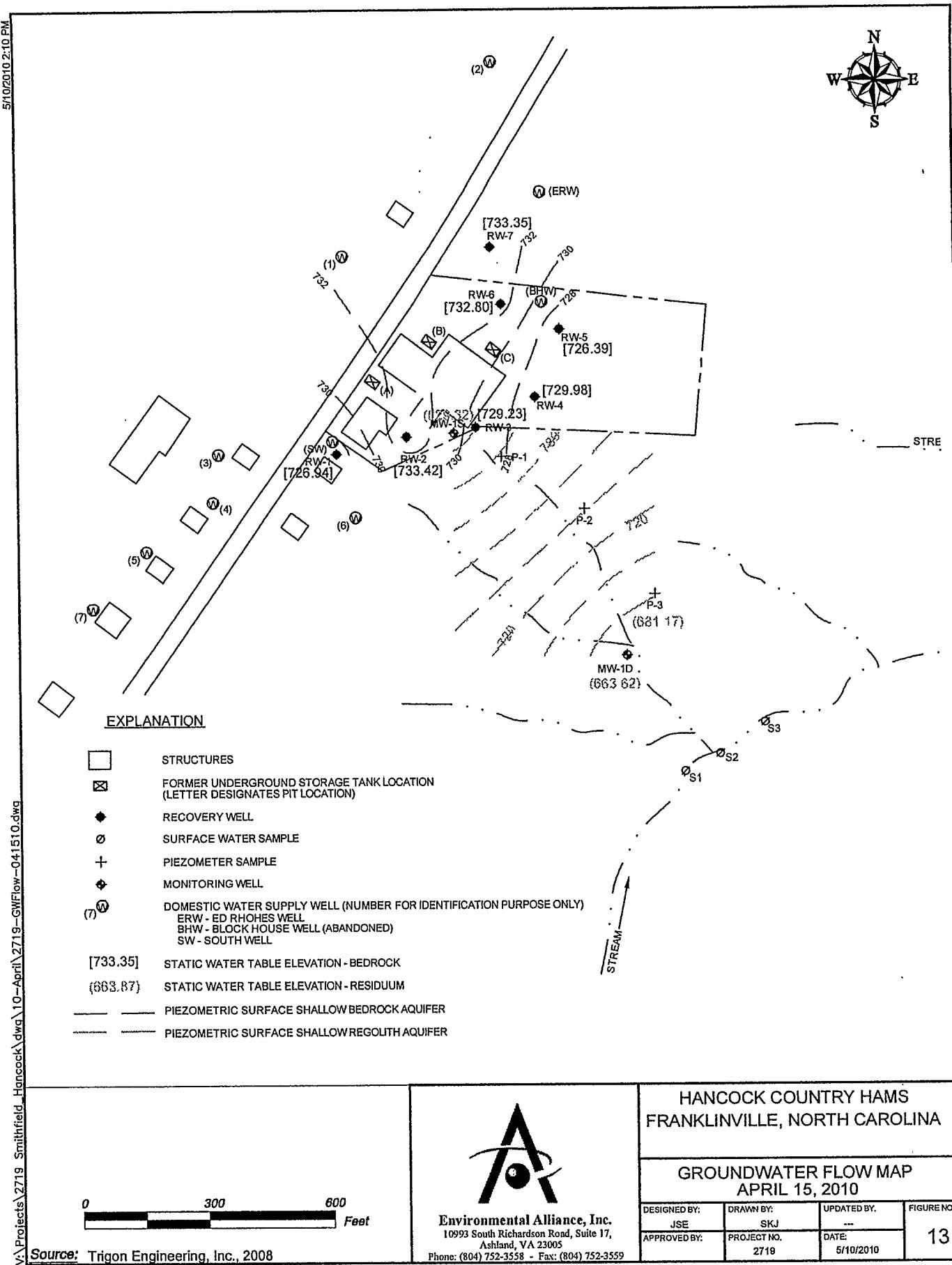
FIGURE 11
CONCENTRATION OF BENZENE
VERSUS TIME IN THE ED RHODES WELL (ERW)



Ms. Ruth DeBrito, Smithfield Foods, Inc.
Hancock Country Hams, Franklinville, North Carolina

FIGURE 12
CONCENTRATION OF BENZENE
VERSUS TIME IN JACK HANCOCK WELL (6)



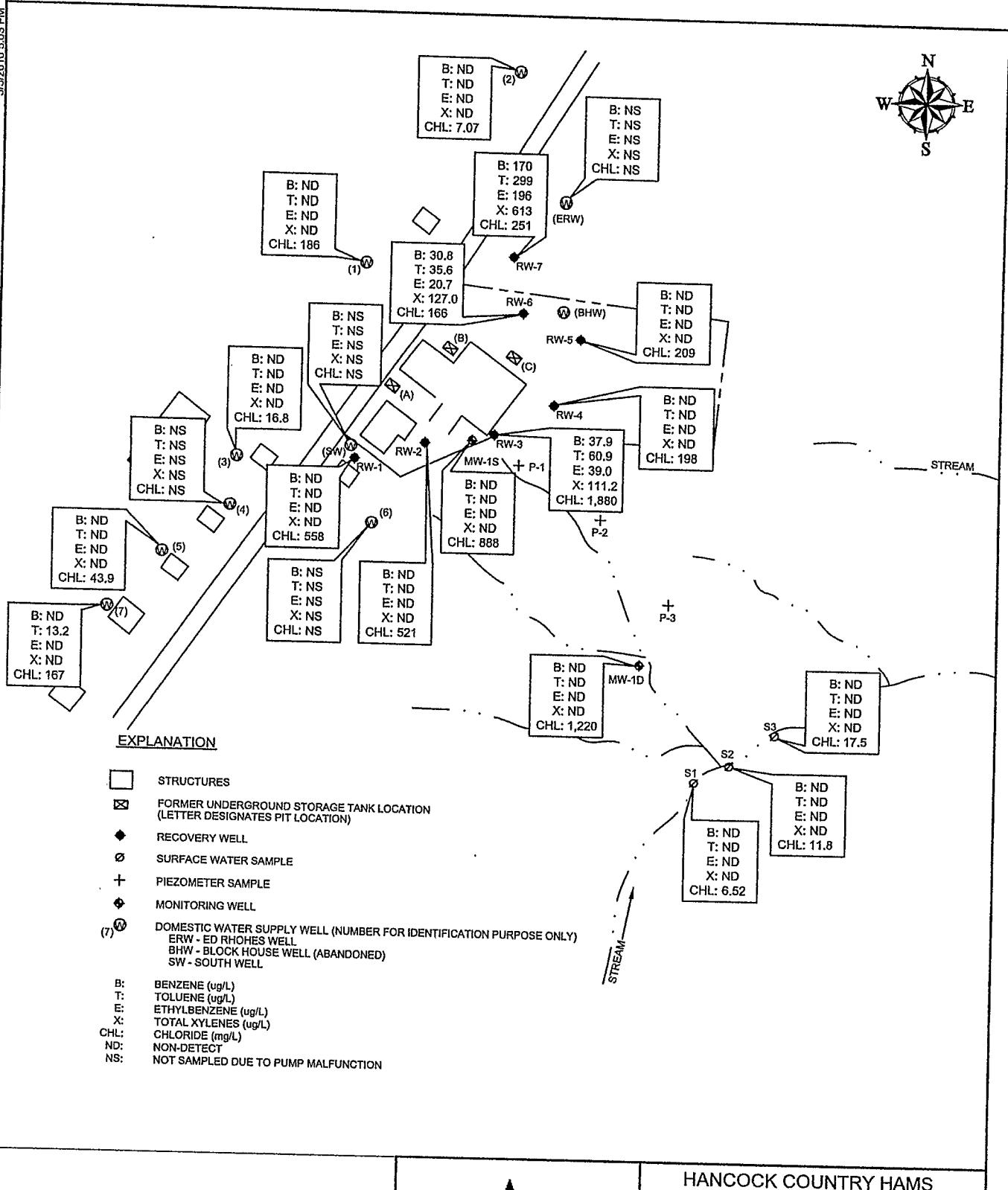


HANCOCK COUNTRY HAMS
FRANKLINVILLE, NORTH CAROLINA

GROUNDWATER FLOW MAP
APRIL 15, 2010

DESIGNED BY:	DRAWN BY:	UPDATED BY:	FIGURE NO.
JSE	SKJ	--	
APPROVED BY:	PROJECT NO.	DATE:	

13



APPENDIX A



North Carolina Department of Environment and Natural Resources

Michael F. Easley, Governor

William G. Ross Jr., Secretary

March 16, 2004

CERTIFIED MAIL 7002 2410 0004 4233 3012
RETURN RECEIPT REQUESTED

Norman B. Fisher
Gwaltney of Smithfield, Ltd.
P.O. Box 489
Smithfield, VA 23431

Re: Notice of Regulatory Requirements 15A NCAC 2L .0115(f) Risk-Based Assessment and Corrective Action for Petroleum Underground Storage Tanks, Hancock Country Hams, 3484 NC Highway 22 North, Franklinville, Randolph County, NC, Incident 3700, High Risk Classification

Dear Mr. Fisher:

The UST Section of the Division of Waste Management, Winston-Salem Regional Office, has reviewed the Corrective Action Plan dated February 4, 2004 for the above-referenced incident. The UST Section staff agrees with the proposed plan and schedule with the following modifications:

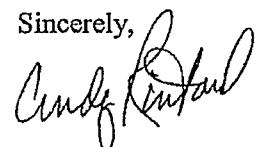
1. Water supply wells 1 through 7, SW, BHW, and ERW should also be sampled on a quarterly basis. (January, April, July, and October)
2. The monitoring reports should be submitted to the Winston-Salem Regional Office within thirty (30) days of the last day of the monitoring period.
3. Any revisions to the sampling schedule will be considered following the receipt and review of the findings from this monitoring activity.

Based on the recommendation of the UST Section staff, I hereby approve the plan and schedule. You should initiate this remedial action within thirty (30) days from the date of receipt of this notice. Please note that it is your responsibility to ensure that any waste generated during implementation of the plan is disposed of in accordance with all applicable county, state and federal laws.

Your prompt attention to the items described herein is required. Failure to comply with the State's rules in the manner and time specified may result in the assessment of civil penalties

If you have any questions regarding the actions that must be taken or the rules mentioned in this notice, please contact Stephen Williams at the letterhead address and/or at (336) 771-4600 extension 283.

Sincerely,



Cindy Rintoul
Regional Supervisor

cc: Mike Walker, Randolph County Health Department
WSRO files
✓John Stewart, Trigon Engineering Consultants

APPENDIX B

A
ENVIRONMENTAL
ALLIANCE

May 03, 2010 2:10:09PM

Client: Environmental Alliance, Inc (417771)
10993 S. Richardson Road, Ste 17
Ashland, VA 23005
Attn: Jason S. Early

Work Order: NTD1686
Project Name: Hancock Country Hams - Franklinville, NC
Project Nbr: 2719
P/O Nbr:
Date Received: 04/17/10

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
S10416100910	NTD1686-01	04/16/10 09:10
S20416100915	NTD1686-02	04/16/10 09:15
S30416100920	NTD1686-03	04/16/10 09:20
MW1S0416100745	NTD1686-04	04/16/10 07:45
MW1D0416100900	NTD1686-05	04/16/10 09:00
Brown0416101010	NTD1686-06	04/16/10 10:10
JESTER0416101035	NTD1686-07	04/16/10 10:35
GIBSON0416101100	NTD1686-08	04/16/10 11:00
BEAL0416101125	NTD1686-09	04/16/10 11:25
NORMAN0416101150	NTD1686-10	04/16/10 11:50
RW10415101017	NTD1686-11	04/15/10 10:17
RW20415101525	NTD1686-12	04/15/10 15:25
RW30415101315	NTD1686-13	04/15/10 13:15
RW40415101255	NTD1686-14	04/15/10 12:55
RW50415101450	NTD1686-15	04/15/10 14:50
RW60415101025	NTD1686-16	04/15/10 10:25
RW70415101436	NTD1686-17	04/15/10 14:36
Trip Blank	NTD1686-18	04/15/10 00:01

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

North Carolina Certification Number: 387

The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

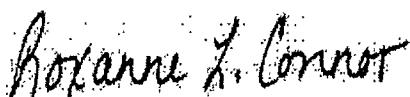
These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client Environmental Alliance, Inc (417771)

10993 S. Richardson Road, Ste 17
Ashland, VA 23005

Attn Jason S. Early

Roxanne Connor

Work Order: NTD1686

Project Name: Hancock Country Hams - Franklinville, NC

Project Number: 2719

Received: 04/17/10 08:30

Program Manager - Conventional Accounts

Client Environmental Alliance, Inc (417771)
 10993 S. Richardson Road, Ste 17
 Ashland, VA 23005
 Attn Jason S. Early

Work Order: NTD1686
 Project Name: Hancock Country Hams - Franklinville, NC
 Project Number: 2719
 Received: 04/17/10 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTD1686-01 (S10416100910 - Water) Sampled: 04/16/10 09:10								
General Chemistry Parameters								
Chloride	6.52		mg/L	1.00	1	04/28/10 20:58	EPA 300.0	10D4827
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	04/20/10 12:00	EPA 602	10D3320
Chlorobenzene	ND		ug/L	1.00	1	04/20/10 12:00	EPA 602	10D3320
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 12:00	EPA 602	10D3320
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 12:00	EPA 602	10D3320
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 12:00	EPA 602	10D3320
Ethylbenzene	ND		ug/L	1.00	1	04/20/10 12:00	EPA 602	10D3320
Toluene	ND		ug/L	1.00	1	04/20/10 12:00	EPA 602	10D3320
c-Xylene	ND		ug/L	1.00	1	04/20/10 12:00	EPA 602	10D3320
m,p-Xylene	ND		ug/L	2.00	1	04/20/10 12:00	EPA 602	10D3320
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/20/10 12:00	EPA 602	10D3320
Diisopropyl Ether	ND		ug/L	1.00	1	04/20/10 12:00	EPA 602	10D3320
Surr: a,a,a-Trifluorotoluene (50-150%)	92 %					04/20/10 12:00	EPA 602	10D3320

Client Environmental Alliance, Inc (417771)
10993 S. Richardson Road, Ste 17
Ashland, VA 23005
Attn Jason S. Early

Work Order: NTD1686
Project Name: Hancock Country Hams - Franklinville, NC
Project Number: 2719
Received: 04/17/10 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTD1686-02 (S20416100915 - Water) Sampled: 04/16/10 09:15								
General Chemistry Parameters								
Chloride	11.8		mg/L	1.00	1	04/28/10 21:35	EPA 300.0	10D4827
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	04/20/10 12:29	EPA 602	10D3320
Chlorobenzene	ND		ug/L	1.00	1	04/20/10 12:29	EPA 602	10D3320
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 12:29	EPA 602	10D3320
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 12:29	EPA 602	10D3320
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 12:29	EPA 602	10D3320
Ethylbenzene	ND		ug/L	1.00	1	04/20/10 12:29	EPA 602	10D3320
Toluene	ND		ug/L	1.00	1	04/20/10 12:29	EPA 602	10D3320
o-Xylene	ND		ug/L	1.00	1	04/20/10 12:29	EPA 602	10D3320
m,p-Xylene	ND		ug/L	1.00	1	04/20/10 12:29	EPA 602	10D3320
Methyl tert-Butyl Ether	ND		ug/L	2.00	1	04/20/10 12:29	EPA 602	10D3320
Diisopropyl Ether	ND		ug/L	1.00	1	04/20/10 12:29	EPA 602	10D3320
Surr: <i>a,a,a</i> -Trifluorotoluene (50-150%)	88 %		ug/L	1.00	1	04/20/10 12:29	EPA 602	10D3320
						04/20/10 12:29	EPA 602	10D3320

Client Environmental Alliance, Inc (417771)
10993 S. Richardson Road, Ste 17
Ashland, VA 23005

Attn Jason S. Early

Work Order: NTD1686
Project Name: Hancock Country Hams - Franklinville, NC
Project Number: 2719
Received: 04/17/10 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTD1686-03 (S30416100920 - Water) Sampled: 04/16/10 09:20								
General Chemistry Parameters								
Chloride	17.5		mg/L	5.00	5	04/29/10 20:09	EPA 300.0	10D4827
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	04/20/10 12:58	EPA 602	10D3320
Chlorobenzene	ND		ug/L	1.00	1	04/20/10 12:58	EPA 602	10D3320
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 12:58	EPA 602	10D3320
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 12:58	EPA 602	10D3320
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 12:58	EPA 602	10D3320
Ethylbenzene	ND		ug/L	1.00	1	04/20/10 12:58	EPA 602	10D3320
Toluene	ND		ug/L	1.00	1	04/20/10 12:58	EPA 602	10D3320
o-Xylene	ND		ug/L	1.00	1	04/20/10 12:58	EPA 602	10D3320
m,p-Xylene	ND		ug/L	2.00	1	04/20/10 12:58	EPA 602	10D3320
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/20/10 12:58	EPA 602	10D3320
Diisopropyl Ether	ND		ug/L	1.00	1	04/20/10 12:58	EPA 602	10D3320
Surr: <i>a,a,a-Trifluorotoluene (50-150%)</i>	79 %					04/20/10 12:58	EPA 602	10D3320

Client	Environmental Alliance, Inc (417771) 10993 S. Richardson Road, Ste 17 Ashland, VA 23005	Work Order:	NTD1686
		Project Name:	Hancock Country Hams - Franklinville, NC
		Project Number:	2719
Attn	Jason S. Early	Received:	04/17/10 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTD1686-04 (MW1S0416100745 - Water) Sampled: 04/16/10 07:45								
General Chemistry Parameters								
Chloride	888		mg/L	100	100	04/29/10 20:28	EPA 300.0	10D4827
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	04/20/10 13:26	EPA 602	10D3320
Chlorobenzene	ND		ug/L	1.00	1	04/20/10 13:26	EPA 602	10D3320
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 13:26	EPA 602	10D3320
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 13:26	EPA 602	10D3320
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 13:26	EPA 602	10D3320
Ethylbenzene	ND		ug/L	1.00	1	04/20/10 13:26	EPA 602	10D3320
Toluene	ND		ug/L	1.00	1	04/20/10 13:26	EPA 602	10D3320
o-Xylene	ND		ug/L	1.00	1	04/20/10 13:26	EPA 602	10D3320
m,p-Xylene	ND		ug/L	2.00	1	04/20/10 13:26	EPA 602	10D3320
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/20/10 13:26	EPA 602	10D3320
Diisopropyl Ether	ND		ug/L	1.00	1	04/20/10 13:26	EPA 602	10D3320
Surr: <i>a,a,a-Trifluorotoluene (50-150%)</i>	79 %					04/20/10 13:26	EPA 602	10D3320

Client	Environmental Alliance, Inc (417771) 10993 S. Richardson Road, Ste 17 Ashland, VA 23005	Work Order:	NTD1686
Attn	Jason S. Early	Project Name:	Hancock Country Hams - Franklinville, NC
		Project Number:	2719
		Received:	04/17/10 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTD1686-05 (MW1D0416100900 - Water) Sampled: 04/16/10 09:00								
General Chemistry Parameters								
Chloride	1220		mg/L	200	200	04/29/10 20:46	EPA 300,0	10D4827
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	04/20/10 13:55	EPA 602	10D3320
Chlorobenzene	ND		ug/L	1.00	1	04/20/10 13:55	EPA 602	10D3320
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 13:55	EPA 602	10D3320
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 13:55	EPA 602	10D3320
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 13:55	EPA 602	10D3320
Ethylbenzene	ND		ug/L	1.00	1	04/20/10 13:55	EPA 602	10D3320
Toluene	ND		ug/L	1.00	1	04/20/10 13:55	EPA 602	10D3320
o-Xylene	ND		ug/L	1.00	1	04/20/10 13:55	EPA 602	10D3320
m,p-Xylene	ND		ug/L	1.00	1	04/20/10 13:55	EPA 602	10D3320
Methyl tert-Butyl Ether	ND		ug/L	2.00	1	04/20/10 13:55	EPA 602	10D3320
Diisopropyl Ether	ND		ug/L	1.00	1	04/20/10 13:55	EPA 602	10D3320
Surr: a,a,a-Trifluorotoluene (50-150%)	81 %					04/20/10 13:55	EPA 602	10D3320

Client	Environmental Alliance, Inc (417771) 10993 S. Richardson Road, Ste 17 Ashland, VA 23005	Work Order:	NTD1686
		Project Name:	Hancock Country Hams - Franklinville, NC
Attn	Jason S. Early	Project Number:	2719
		Received:	04/17/10 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTD1686-06 (Brown0416101010 - Water) Sampled: 04/16/10 10:10								
General Chemistry Parameters								
Chloride	167		mg/L	20.0	20	04/29/10 21:05	EPA 300.0	10D4827
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	04/20/10 14:24	EPA 602	10D3320
Chlorobenzene	ND		ug/L	1.00	1	04/20/10 14:24	EPA 602	10D3320
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 14:24	EPA 602	10D3320
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 14:24	EPA 602	10D3320
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 14:24	EPA 602	10D3320
Ethylbenzene	ND		ug/L	1.00	1	04/20/10 14:24	EPA 602	10D3320
Toluene	ND		ug/L	1.00	1	04/20/10 14:24	EPA 602	10D3320
o-Xylene	ND		ug/L	1.00	1	04/20/10 14:24	EPA 602	10D3320
m,p-Xylene	ND		ug/L	1.00	1	04/20/10 14:24	EPA 602	10D3320
Methyl tert-Butyl Ether	ND		ug/L	2.00	1	04/20/10 14:24	EPA 602	10D3320
Diisopropyl Ether	ND		ug/L	1.00	1	04/20/10 14:24	EPA 602	10D3320
Surr: <i>a,a,a-Trifluorotoluene (50-150%)</i>	76 %					04/20/10 14:24	EPA 602	10D3320

Client Environmental Alliance, Inc (417771)
10993 S. Richardson Road, Ste 17
Ashland, VA 23005

Attn Jason S. Early

Work Order: NTD1686
Project Name: Hancock Country Hams - Franklinville, NC
Project Number: 2719
Received: 04/17/10 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTD1686-07 (JESTER0416101035 - Water) Sampled: 04/16/10 10:35								
General Chemistry Parameters								
Chloride	43.9		mg/L	10.0	10	04/29/10 21:24	EPA 300.0	10D4827
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	04/20/10 14:52	EPA 602	10D3320
Chlorobenzene	ND		ug/L	1.00	1	04/20/10 14:52	EPA 602	10D3320
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 14:52	EPA 602	10D3320
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 14:52	EPA 602	10D3320
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 14:52	EPA 602	10D3320
Ethylbenzene	ND		ug/L	1.00	1	04/20/10 14:52	EPA 602	10D3320
Toluene	ND		ug/L	1.00	1	04/20/10 14:52	EPA 602	10D3320
o-Xylene	ND		ug/L	1.00	1	04/20/10 14:52	EPA 602	10D3320
m,p-Xylene	ND		ug/L	2.00	1	04/20/10 14:52	EPA 602	10D3320
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/20/10 14:52	EPA 602	10D3320
Diisopropyl Ether	ND		ug/L	1.00	1	04/20/10 14:52	EPA 602	10D3320
<i>Surrogate:</i> a,a,a-Trifluorotoluene (50-150%)	73 %					04/20/10 14:52	EPA 602	10D3320

Client Environmental Alliance, Inc (417771)
10993 S. Richardson Road, Ste 17
Ashland, VA 23005
Attn Jason S. Early

Work Order: NTD1686
Project Name: Hancock Country Hams - Franklinville, NC
Project Number: 2719
Received: 04/17/10 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTD1686-08 (GIBSON0416101100 - Water) Sampled: 04/16/10 11:00								
General Chemistry Parameters								
Chloride	16.8		mg/L	2.00	2	04/29/10 21:43	EPA 300.0	10D4827
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	04/20/10 17:44	EPA 602	10D3320
Chlorobenzene	ND		ug/L	1.00	1	04/20/10 17:44	EPA 602	10D3320
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 17:44	EPA 602	10D3320
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 17:44	EPA 602	10D3320
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 17:44	EPA 602	10D3320
Ethylbenzene	ND		ug/L	1.00	1	04/20/10 17:44	EPA 602	10D3320
Toluene	ND		ug/L	1.00	1	04/20/10 17:44	EPA 602	10D3320
o-Xylene	ND		ug/L	1.00	1	04/20/10 17:44	EPA 602	10D3320
m,p-Xylene	ND		ug/L	2.00	1	04/20/10 17:44	EPA 602	10D3320
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/20/10 17:44	EPA 602	10D3320
Diisopropyl Ether	ND		ug/L	1.00	1	04/20/10 17:44	EPA 602	10D3320
<i>Surr: a,a,a-Trifluorotoluene (50-150%)</i>	82 %					04/20/10 17:44	EPA 602	10D3320

Client	Environmental Alliance, Inc (417771) 10993 S. Richardson Road, Ste 17 Ashland, VA 23005	Work Order:	NTD1686
Attn	Jason S. Early	Project Name:	Hancock Country Hams - Franklinville, NC
		Project Number:	2719
		Received:	04/17/10 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTD1686-09 (BEAL0416101125 - Water) Sampled: 04/16/10 11:25								
General Chemistry Parameters								
Chloride	186		mg/L	50.0	50	04/29/10 22:01	EPA 300.0	10D4827
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	04/20/10 18:13	EPA 602	10D3320
Chlorobenzene	ND		ug/L	1.00	1	04/20/10 18:13	EPA 602	10D3320
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 18:13	EPA 602	10D3320
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 18:13	EPA 602	10D3320
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 18:13	EPA 602	10D3320
Ethylbenzene	ND		ug/L	1.00	1	04/20/10 18:13	EPA 602	10D3320
Toluene	ND		ug/L	1.00	1	04/20/10 18:13	EPA 602	10D3320
o-Xylene	ND		ug/L	1.00	1	04/20/10 18:13	EPA 602	10D3320
m,p-Xylene	ND		ug/L	1.00	1	04/20/10 18:13	EPA 602	10D3320
Methyl tert-Butyl Ether	ND		ug/L	2.00	1	04/20/10 18:13	EPA 602	10D3320
Diisopropyl Ether	ND		ug/L	1.00	1	04/20/10 18:13	EPA 602	10D3320
Surr: a,a,a-Trifluorotoluene (50-150%)	82 %					04/20/10 18:13	EPA 602	10D3320

Client	Environmental Alliance, Inc (417771) 10993 S. Richardson Road, Ste 17 Ashland, VA 23005	Work Order:	NTD1686
Attn	Jason S. Early	Project Name:	Hancock Country Hams - Franklinville, NC
		Project Number:	2719
		Received:	04/17/10 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTD1686-10 (NORMAN0416101150 - Water) Sampled: 04/16/10 11:50								
General Chemistry Parameters								
Chloride	7.07		mg/L	1.00	1	04/29/10 00:43	EPA 300.0	10D4827
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	04/20/10 18:41	EPA 602	10D3320
Chlorobenzene	ND		ug/L	1.00	1	04/20/10 18:41	EPA 602	10D3320
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 18:41	EPA 602	10D3320
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 18:41	EPA 602	10D3320
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 18:41	EPA 602	10D3320
Ethylbenzene	ND		ug/L	1.00	1	04/20/10 18:41	EPA 602	10D3320
Toluene	ND		ug/L	1.00	1	04/20/10 18:41	EPA 602	10D3320
o-Xylene	ND		ug/L	1.00	1	04/20/10 18:41	EPA 602	10D3320
m,p-Xylene	ND		ug/L	2.00	1	04/20/10 18:41	EPA 602	10D3320
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/20/10 18:41	EPA 602	10D3320
Diisopropyl Ether	ND		ug/L	1.00	1	04/20/10 18:41	EPA 602	10D3320
Surr: a,a,a-Trifluorotoluene (50-150%)	79 %					04/20/10 18:41	EPA 602	10D3320

Client	Environmental Alliance, Inc (417771) 10993 S. Richardson Road, Ste 17 Ashland, VA 23005	Work Order:	NTD1686
Attn	Jason S. Early	Project Name:	Hancock Country Hams - Franklinville, NC
		Project Number:	2719
		Received:	04/17/10 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTD1686-11 (RW10415101017 - Water) Sampled: 04/15/10 10:17								
General Chemistry Parameters								
Chloride	558		mg/L	100	100	04/29/10 22:20	EPA 300.0	10D4827
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	04/20/10 19:10	EPA 602	10D3320
Chlorobenzene	ND		ug/L	1.00	1	04/20/10 19:10	EPA 602	10D3320
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 19:10	EPA 602	10D3320
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 19:10	EPA 602	10D3320
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 19:10	EPA 602	10D3320
Ethylbenzene	ND		ug/L	1.00	1	04/20/10 19:10	EPA 602	10D3320
Toluene	ND		ug/L	1.00	1	04/20/10 19:10	EPA 602	10D3320
o-Xylene	ND		ug/L	1.00	1	04/20/10 19:10	EPA 602	10D3320
m,p-Xylene	ND		ug/L	1.00	1	04/20/10 19:10	EPA 602	10D3320
Methyl tert-Butyl Ether	ND		ug/L	2.00	1	04/20/10 19:10	EPA 602	10D3320
Diisopropyl Ether	ND		ug/L	1.00	1	04/20/10 19:10	EPA 602	10D3320
<i>Surrogate: a,a,a-Trifluorotoluene (50-150%)</i>	78 %					04/20/10 19:10	EPA 602	10D3320

Client Environmental Alliance, Inc (417771)
10993 S. Richardson Road, Ste 17
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Work Order: NTD1686
Project Name: Hancock Country Hams - Franklinville, NC
Project Number: 2719
Received: 04/17/10 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTD1686-12 (RW20415101525 - Water) Sampled: 04/15/10 15:25								
General Chemistry Parameters								
Chloride	521		mg/L	100	100	04/29/10 23:16	EPA 300.0	10D4827
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	04/20/10 19:38	EPA 602	10D3320
Chlorobenzene	ND		ug/L	1.00	1	04/20/10 19:38	EPA 602	10D3320
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 19:38	EPA 602	10D3320
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 19:38	EPA 602	10D3320
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 19:38	EPA 602	10D3320
Ethylbenzene	ND		ug/L	1.00	1	04/20/10 19:38	EPA 602	10D3320
Toluene	ND		ug/L	1.00	1	04/20/10 19:38	EPA 602	10D3320
o-Xylene	ND		ug/L	1.00	1	04/20/10 19:38	EPA 602	10D3320
m,p-Xylene	ND		ug/L	2.00	1	04/20/10 19:38	EPA 602	10D3320
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/20/10 19:38	EPA 602	10D3320
Diisopropyl Ether	1.06		ug/L	1.00	1	04/20/10 19:38	EPA 602	10D3320
Surr: a,a,a-Trifluorotoluene (50-150%)	74 %					04/20/10 19:38	EPA 602	10D3320

Client Environmental Alliance, Inc (417771)
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Work Order: NTD1686
Project Name: Hancock Country Hams - Franklinville, NC
Project Number: 2719
Received: 04/17/10 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTD1686-13 (RW30415101315 - Water) Sampled: 04/15/10 13:15								
General Chemistry Parameters								
Chloride	1880		mg/L	200	200	04/29/10 23:35	EPA 300.0	10D4827
Purgeable Aromatics by EPA Method 602								
Benzene	37.9		ug/L	1.00	1	04/20/10 20:07	EPA 602	10D3320
Chlorobenzene	ND		ug/L	1.00	1	04/20/10 20:07	EPA 602	10D3320
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 20:07	EPA 602	10D3320
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 20:07	EPA 602	10D3320
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 20:07	EPA 602	10D3320
Ethylbenzene	39.0		ug/L	1.00	1	04/20/10 20:07	EPA 602	10D3320
Toluene	60.9		ug/L	1.00	1	04/20/10 20:07	EPA 602	10D3320
o-Xylene	33.9		ug/L	1.00	1	04/20/10 20:07	EPA 602	10D3320
m,p-Xylene	77.3		ug/L	2.00	1	04/20/10 20:07	EPA 602	10D3320
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/20/10 20:07	EPA 602	10D3320
Diisopropyl Ether	ND		ug/L	1.00	1	04/20/10 20:07	EPA 602	10D3320
<i>Surrogate:</i> a,a,a- <i>Trifluorotoluene (50-150%)</i>	80 %					04/20/10 20:07	EPA 602	10D3320

Client	Environmental Alliance, Inc (417771) 10993 S. Richardson Road, Ste 17 Ashland, VA 23005	Work Order:	NTD1686
Attn	Jason S. Early	Project Name:	Hancock Country Hams - Franklinville, NC
		Project Number:	2719
		Received:	04/17/10 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTD1686-14 (RW40415101255 - Water) Sampled: 04/15/10 12:55								
General Chemistry Parameters								
Chloride	198		mg/L	20.0	20	04/29/10 23:54	EPA 300.0	I0D4827
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	04/20/10 20:35	EPA 602	I0D3320
Chlorobenzene	ND		ug/L	1.00	1	04/20/10 20:35	EPA 602	I0D3320
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 20:35	EPA 602	I0D3320
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 20:35	EPA 602	I0D3320
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 20:35	EPA 602	I0D3320
Ethylbenzene	ND		ug/L	1.00	1	04/20/10 20:35	EPA 602	I0D3320
Toluene	ND		ug/L	1.00	1	04/20/10 20:35	EPA 602	I0D3320
o-Xylene	ND		ug/L	1.00	1	04/20/10 20:35	EPA 602	I0D3320
m,p-Xylene	ND		ug/L	2.00	1	04/20/10 20:35	EPA 602	I0D3320
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/20/10 20:35	EPA 602	I0D3320
Diisopropyl Ether	ND		ug/L	1.00	1	04/20/10 20:35	EPA 602	I0D3320
Surr: a,a,a-Trifluorotoluene (50-150%)	84 %					04/20/10 20:35	EPA 602	I0D3320

Client Environmental Alliance, Inc (417771)
10993 S. Richardson Road, Ste 17
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Attn Jason S. Early

Work Order: NTD1686
Project Name: Hancock Country Hams - Franklinville, NC
Project Number: 2719
Received: 04/17/10 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTD1686-15 (RW50415101450 - Water) Sampled: 04/15/10 14:50								
General Chemistry Parameters								
Chloride	209		mg/L	50.0	50	04/30/10 00:13	EPA 300.0	10D4827
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	04/20/10 21:04	EPA 602	10D3320
Chlorobenzene	ND		ug/L	1.00	1	04/20/10 21:04	EPA 602	10D3320
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 21:04	EPA 602	10D3320
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 21:04	EPA 602	10D3320
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 21:04	EPA 602	10D3320
Ethylbenzene	ND		ug/L	1.00	1	04/20/10 21:04	EPA 602	10D3320
Toluene	ND		ug/L	1.00	1	04/20/10 21:04	EPA 602	10D3320
o-Xylene	ND		ug/L	1.00	1	04/20/10 21:04	EPA 602	10D3320
m,p-Xylene	ND		ug/L	2.00	1	04/20/10 21:04	EPA 602	10D3320
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/20/10 21:04	EPA 602	10D3320
Diisopropyl Ether	ND		ug/L	1.00	1	04/20/10 21:04	EPA 602	10D3320
Surr: a,a,a-Trifluorotoluene (50-150%)	84 %					04/20/10 21:04	EPA 602	10D3320

Client Environmental Alliance, Inc (417771)
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ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTD1686-16 (RW60415101025 - Water) Sampled: 04/15/10 10:25								
General Chemistry Parameters								
Chloride	166		mg/L	50.0	50	04/30/10 00:31	EPA 300.0	10D4827
Purgeable Aromatics by EPA Method 602								
Benzene	30.8		ug/L	1.00	1	04/20/10 21:33	EPA 602	10D3320
Chlorobenzene	ND		ug/L	1.00	1	04/20/10 21:33	EPA 602	10D3320
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 21:33	EPA 602	10D3320
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 21:33	EPA 602	10D3320
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 21:33	EPA 602	10D3320
Ethylbenzene	20.7		ug/L	1.00	1	04/20/10 21:33	EPA 602	10D3320
Toluene	35.6		ug/L	1.00	1	04/20/10 21:33	EPA 602	10D3320
o-Xylene	63.3		ug/L	1.00	1	04/20/10 21:33	EPA 602	10D3320
m,p-Xylene	63.7		ug/L	2.00	1	04/20/10 21:33	EPA 602	10D3320
Methyl tert-Butyl Ether	16.1		ug/L	1.00	1	04/20/10 21:33	EPA 602	10D3320
Diisopropyl Ether	ND		ug/L	1.00	1	04/20/10 21:33	EPA 602	10D3320
<i>Surrogate:</i> a,a,a-Trifluorotoluene (50-150%)	72 %					04/20/10 21:33	EPA 602	10D3320

Client Environmental Alliance, Inc (417771)
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Work Order: NTD1686
Project Name: Hancock Country Hams - Franklinville, NC
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Received: 04/17/10 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTD1686-17 (RW70415101436 - Water) Sampled: 04/15/10 14:36								
General Chemistry Parameters								
Chloride	251		mg/L	50.0	50	04/30/10 00:50	EPA 300.0	10D4827
Purgeable Aromatics by EPA Method 602								
Benzene	170		ug/L	1.00	1	04/20/10 22:01	EPA 602	10D3320
Chlorobenzene	ND		ug/L	1.00	1	04/20/10 22:01	EPA 602	10D3320
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 22:01	EPA 602	10D3320
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 22:01	EPA 602	10D3320
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 22:01	EPA 602	10D3320
Ethylbenzene	196		ug/L	1.00	1	04/20/10 22:01	EPA 602	10D3320
Toluene	299		ug/L	1.00	1	04/20/10 22:01	EPA 602	10D3320
o-Xylene	354		ug/L	1.00	1	04/20/10 22:01	EPA 602	10D3320
m,p-Xylene	259		ug/L	1.00	1	04/20/10 22:01	EPA 602	10D3320
Methyl tert-Butyl Ether	ND		ug/L	2.00	1	04/20/10 22:01	EPA 602	10D3320
Diisopropyl Ether	ND		ug/L	1.00	1	04/20/10 22:01	EPA 602	10D3320
<i>Surr: a,a,a-Trifluorotoluene (50-150%)</i>	73 %					04/20/10 22:01	EPA 602	10D3320

Client	Environmental Alliance, Inc (417771) 10993 S. Richardson Road, Ste 17 Ashland, VA 23005	Work Order:	NTD1686
Attn	Jason S. Early	Project Name:	Hancock Country Hams - Franklinville, NC
		Project Number:	2719
		Received:	04/17/10 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NTD1686-18 (Trip Blank - Water) Sampled: 04/15/10 00:01								
Purgeable Aromatics by EPA Method 602								
Benzene	ND		ug/L	1.00	1	04/20/10 10:34	EPA 602	10D3320
Chlorobenzene	ND		ug/L	1.00	1	04/20/10 10:34	EPA 602	10D3320
1,2-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 10:34	EPA 602	10D3320
1,4-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 10:34	EPA 602	10D3320
1,3-Dichlorobenzene	ND		ug/L	1.00	1	04/20/10 10:34	EPA 602	10D3320
Ethylbenzene	ND		ug/L	1.00	1	04/20/10 10:34	EPA 602	10D3320
Toluene	ND		ug/L	1.00	1	04/20/10 10:34	EPA 602	10D3320
o-Xylene	ND		ug/L	1.00	1	04/20/10 10:34	EPA 602	10D3320
m,p-Xylene	ND		ug/L	2.00	1	04/20/10 10:34	EPA 602	10D3320
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	04/20/10 10:34	EPA 602	10D3320
Diisopropyl Ether	ND		ug/L	1.00	1	04/20/10 10:34	EPA 602	10D3320
<i>Surr: a,a,a-Trifluorotoluene (50-150%)</i>	94 %					04/20/10 10:34	EPA 602	10D3320

Client Environmental Alliance, Inc (417771)
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Attn Jason S. Early

Work Order: NTD1686
Project Name: Hancock Country Hams - Franklinville, NC
Project Number: 2719
Received: 04/17/10 08:30

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
General Chemistry Parameters						
10D4827-BLK1						
Chloride	<0.300		mg/L	10D4827	10D4827-BLK1	04/28/10 19:43
10D4827-BLK2						
Chloride	0.338		mg/L	10D4827	10D4827-BLK2	04/29/10 18:54
Purgeable Aromatics by EPA Method 602						
10D3320-BLK1						
Benzene	<0.390		ug/L	10D3320	10D3320-BLK1	04/20/10 10:06
Chlorobenzene	<0.220		ug/L	10D3320	10D3320-BLK1	04/20/10 10:06
1,2-Dichlorobenzene	<0.470		ug/L	10D3320	10D3320-BLK1	04/20/10 10:06
1,4-Dichlorobenzene	<0.270		ug/L	10D3320	10D3320-BLK1	04/20/10 10:06
1,3-Dichlorobenzene	<0.150		ug/L	10D3320	10D3320-BLK1	04/20/10 10:06
Ethylbenzene	<0.380		ug/L	10D3320	10D3320-BLK1	04/20/10 10:06
Toluene	<0.410		ug/L	10D3320	10D3320-BLK1	04/20/10 10:06
o-Xylene	<0.360		ug/L	10D3320	10D3320-BLK1	04/20/10 10:06
m,p-Xylene	<0.820		ug/L	10D3320	10D3320-BLK1	04/20/10 10:06
Methyl tert-Butyl Ether	<0.450		ug/L	10D3320	10D3320-BLK1	04/20/10 10:06
Diisopropyl Ether	<0.230		ug/L	10D3320	10D3320-BLK1	04/20/10 10:06
Surrogate: <i>a,a,a-Trifluorotoluene</i>	104%			10D3320	10D3320-BLK1	04/20/10 10:06
10D3320-BLK2						
Benzene	<0.390		ug/L	10D3320	10D3320-BLK2	04/20/10 17:15
Chlorobenzene	<0.220		ug/L	10D3320	10D3320-BLK2	04/20/10 17:15
1,2-Dichlorobenzene	<0.470		ug/L	10D3320	10D3320-BLK2	04/20/10 17:15
1,4-Dichlorobenzene	<0.270		ug/L	10D3320	10D3320-BLK2	04/20/10 17:15
1,3-Dichlorobenzene	<0.150		ug/L	10D3320	10D3320-BLK2	04/20/10 17:15
Ethylbenzene	<0.380		ug/L	10D3320	10D3320-BLK2	04/20/10 17:15
Toluene	<0.410		ug/L	10D3320	10D3320-BLK2	04/20/10 17:15
o-Xylene	<0.360		ug/L	10D3320	10D3320-BLK2	04/20/10 17:15
m,p-Xylene	<0.820		ug/L	10D3320	10D3320-BLK2	04/20/10 17:15
Methyl tert-Butyl Ether	<0.450		ug/L	10D3320	10D3320-BLK2	04/20/10 17:15
Diisopropyl Ether	<0.230		ug/L	10D3320	10D3320-BLK2	04/20/10 17:15
Surrogate: <i>a,a,a-Trifluorotoluene</i>	89%			10D3320	10D3320-BLK2	04/20/10 17:15

Client	Environmental Alliance, Inc (417771) 10993 S. Richardson Road, Ste 17 Ashland, VA 23005	Work Order:	NTD1686
Attn	Jason S. Early	Project Name:	Hancock Country Hams - Franklinville, NC
		Project Number:	2719
		Received:	04/17/10 08:30

PROJECT QUALITY CONTROL DATA
Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	% Rec.	Analyzed Date/Time
General Chemistry Parameters										
10D4827-DUP2										
Chloride	251	268		mg/L	6	20	10D4827	NTD1686-17REI		04/30/10 01:09

Client	Environmental Alliance, Inc (417771) 10993 S. Richardson Road, Ste 17 Ashland, VA 23005	Work Order:	NTD1686
Attn	Jason S. Early	Project Name:	Hancock Country Hams - Franklinville, NC
		Project Number:	2719
		Received:	04/17/10 08:30

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
General Chemistry Parameters								
10D4827-BS1								
Chloride	3.00	3.07		mg/L	102%	90 - 110	10D4827	04/28/10 20:02
10D4827-BS2								
Chloride	3.00	3.08		mg/L	102%	90 - 110	10D4827	04/29/10 19:13
Purgeable Aromatics by EPA Method 602								
10D3320-BS1								
Benzene	20.0	20.5		ug/L	103%	39 - 150	10D3320	04/20/10 16:18
Chlorobenzene	20.0	19.0		ug/L	95%	55 - 135	10D3320	04/20/10 16:18
1,2-Dichlorobenzene	20.0	18.2		ug/L	91%	37 - 154	10D3320	04/20/10 16:18
1,4-Dichlorobenzene	20.0	18.9		ug/L	95%	42 - 143	10D3320	04/20/10 16:18
1,3-Dichlorobenzene	20.0	17.7		ug/L	88%	50 - 141	10D3320	04/20/10 16:18
Ethylbenzene	20.0	21.1		ug/L	106%	32 - 150	10D3320	04/20/10 16:18
Toluene	20.0	18.8		ug/L	94%	46 - 148	10D3320	04/20/10 16:18
o-Xylene	20.0	20.4		ug/L	102%	64 - 130	10D3320	04/20/10 16:18
m,p-Xylene	40.0	36.5		ug/L	91%	66 - 128	10D3320	04/20/10 16:18
Methyl tert-Butyl Ether	20.0	17.8		ug/L	89%	56 - 123	10D3320	04/20/10 16:18
Diisopropyl Ether	20.0	18.6		ug/L	93%	55 - 131	10D3320	04/20/10 16:18
Surrogate: <i>a,a,a-Trifluorotoluene</i>	20.0	16.8			84%	50 - 150	10D3320	04/20/10 16:18
10D3320-BS2								
Benzene	20.0	19.6		ug/L	98%	39 - 150	10D3320	04/20/10 23:27
Chlorobenzene	20.0	18.2		ug/L	91%	55 - 135	10D3320	04/20/10 23:27
1,2-Dichlorobenzene	20.0	16.9		ug/L	85%	37 - 154	10D3320	04/20/10 23:27
1,4-Dichlorobenzene	20.0	18.0		ug/L	90%	42 - 143	10D3320	04/20/10 23:27
1,3-Dichlorobenzene	20.0	16.4		ug/L	82%	50 - 141	10D3320	04/20/10 23:27
Ethylbenzene	20.0	20.0		ug/L	100%	32 - 150	10D3320	04/20/10 23:27
Toluene	20.0	17.5		ug/L	88%	46 - 148	10D3320	04/20/10 23:27
o-Xylene	20.0	19.3		ug/L	97%	64 - 130	10D3320	04/20/10 23:27
m,p-Xylene	40.0	34.6		ug/L	86%	66 - 128	10D3320	04/20/10 23:27
Methyl tert-Butyl Ether	20.0	17.0		ug/L	85%	56 - 123	10D3320	04/20/10 23:27
Diisopropyl Ether	20.0	17.8		ug/L	89%	55 - 131	10D3320	04/20/10 23:27
Surrogate: <i>a,a,a-Trifluorotoluene</i>	20.0	15.5			77%	50 - 150	10D3320	04/20/10 23:27

Client	Environmental Alliance, Inc (417771) 10993 S. Richardson Road, Ste 17 Ashland, VA 23005	Work Order:	NTD1686
		Project Name:	Hancock Country Hams - Franklinville, NC
Attn	Jason S. Early	Project Number:	2719
		Received:	04/17/10 08:30

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
General Chemistry Parameters										
10D4827-MS1										
Chloride	6.52	9.11		mg/L	3.00	86%	80 - 120	10D4827	NTD1686-01	04/28/10 21:17
Purgeable Aromatics by EPA Method 602										
10D3320-MS1										
Benzene	0.850	19.8		ug/L	20.0	95%	39 - 150	10D3320	NTD1375-01	04/21/10 10:47
Chlorobenzene	ND	18.7		ug/L	20.0	93%	55 - 135	10D3320	NTD1375-01	04/21/10 10:47
1,2-Dichlorobenzene	ND	25.1		ug/L	20.0	125%	37 - 154	10D3320	NTD1375-01	04/21/10 10:47
1,4-Dichlorobenzene	ND	21.6		ug/L	20.0	108%	42 - 143	10D3320	NTD1375-01	04/21/10 10:47
1,3-Dichlorobenzene	ND	21.0		ug/L	20.0	105%	50 - 141	10D3320	NTD1375-01	04/21/10 10:47
Ethylbenzene	1.86	23.1		ug/L	20.0	106%	32 - 150	10D3320	NTD1375-01	04/21/10 10:47
Toluene	ND	16.5		ug/L	20.0	83%	46 - 148	10D3320	NTD1375-01	04/21/10 10:47
o-Xylene	3.44	25.0		ug/L	20.0	108%	64 - 130	10D3320	NTD1375-01	04/21/10 10:47
m,p-Xylene	7.20	45.9		ug/L	40.0	97%	66 - 128	10D3320	NTD1375-01	04/21/10 10:47
Methyl tert-Butyl Ether	ND	16.5		ug/L	20.0	82%	56 - 123	10D3320	NTD1375-01	04/21/10 10:47
Diisopropyl Ether	ND	17.1		ug/L	20.0	86%	39 - 150	10D3320	NTD1375-01	04/21/10 10:47
<i>Surrogate: a,a,a-Trifluorotoluene</i>		20.7		ug/L	20.0	103%	50 - 150	10D3320	NTD1375-01	04/21/10 10:47
10D3320-MS2										
Benzene	ND	20.6		ug/L	20.0	103%	39 - 150	10D3320	NTD1686-02	04/21/10 11:16
Chlorobenzene	ND	19.6		ug/L	20.0	98%	55 - 135	10D3320	NTD1686-02	04/21/10 11:16
1,2-Dichlorobenzene	ND	19.1		ug/L	20.0	95%	37 - 154	10D3320	NTD1686-02	04/21/10 11:16
1,4-Dichlorobenzene	ND	20.8		ug/L	20.0	104%	42 - 143	10D3320	NTD1686-02	04/21/10 11:16
1,3-Dichlorobenzene	ND	19.3		ug/L	20.0	96%	50 - 141	10D3320	NTD1686-02	04/21/10 11:16
Ethylbenzene	ND	22.1		ug/L	20.0	110%	32 - 150	10D3320	NTD1686-02	04/21/10 11:16
Toluene	ND	18.7		ug/L	20.0	94%	46 - 148	10D3320	NTD1686-02	04/21/10 11:16
o-Xylene	ND	21.8		ug/L	20.0	109%	64 - 130	10D3320	NTD1686-02	04/21/10 11:16
m,p-Xylene	ND	39.1		ug/L	40.0	98%	66 - 128	10D3320	NTD1686-02	04/21/10 11:16
Methyl tert-Butyl Ether	ND	17.3		ug/L	20.0	86%	56 - 123	10D3320	NTD1686-02	04/21/10 11:16
Diisopropyl Ether	ND	18.3		ug/L	20.0	91%	39 - 150	10D3320	NTD1686-02	04/21/10 11:16
<i>Surrogate: a,a,a-Trifluorotoluene</i>		22.0		ug/L	20.0	110%	50 - 150	10D3320	NTD1686-02	04/21/10 11:16

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client Environmental Alliance, Inc (417771)
10993 S. Richardson Road, Ste 17
Ashland, VA 23005
Attn Jason S. Early

Work Order: NTD1686
Project Name: Hancock Country Hams - Franklinville, NC
Project Number: 2719
Received: 04/17/10 08:30

CERTIFICATION SUMMARY

TestAmerica Nashville

Method	Matrix	AIHA	Nelac	North Carolina
EPA 300.0	Water	N/A	X	X
EPA 602	Water	N/A	X	X

Client Environmental Alliance, Inc (417771)
10993 S. Richardson Road, Ste 17
Ashland, VA 23005
Attn Jason S. Early

Work Order: NTD1686
Project Name: Hancock Country Hams - Franklinville, NC
Project Number: 2719
Received: 04/17/10 08:30

DATA QUALIFIERS AND DEFINITIONS

ND Not detected at the reporting limit (or method detection limit if shown)

COOLER RECEI



Cooler Received/Opened On_04/17/10 @ 08:30

0

NTD1686

1. Tracking # 9654 (last 4 digits, Fed)

Courier: FED-EX IR Gun ID 97310166

2. Temperature of rep. sample or temp blank when opened: 43 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler?

YES...NO...NA

If yes, how many and where: FRONT

5. Were the seals intact, signed, and dated correctly?

YES...NO...NA

6. Were custody papers inside cooler?

YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) P.H.

7. Were custody seals on containers: YES NO and Intact YES...NO NA

Were these signed and dated correctly?

YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES..NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES..NO...NA

12. Did all container labels and tags agree with custody papers? YES..NO...NA

13a. Were VOA vials received?

YES..NO...NA

b. Was there any observable headspace present in any VOA vial? YES..NO..NA

14. Was there a Trip Blank in this cooler? YES..NO..NA If multiple coolers, sequence # P.H.

I certify that I unloaded the cooler and answered questions 7-14 (initial) P.H.

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO NA

b. Did the bottle labels indicate that the correct preservatives were used YES..NO..NA

16. Was residual chlorine present? YES..NO..NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) P.H.

17. Were custody papers properly filled out (ink, signed, etc)? YES..NO..NA

18. Did you sign the custody papers in the appropriate place? YES..NO..NA

19. Were correct containers used for the analysis requested? YES..NO..NA

20. Was sufficient amount of sample sent in each container? YES..NO..NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) P.H.

I certify that I attached a label with the unique LIMS number to each container (initial) P.H.

21. Were there Non-Conformance Issues at login? YES NO Was a PIPE generated? YES NO #



Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 Fax:(615) 726-3404
, "Reg District (CA)")

Page 2 of 2

Client: Environmental Alliance, Inc (417771)

Address: 10993 S. Richardson Road, Ste 17

PO #:

PO #:

Invoice to: Environmental Alliance, Inc (417771)

Report to: Jason S. Early

Project Name: Hancock Country Hams - Franklinville, NC

Facility ID: 2719

NTD1686

05/03/10 23:50

North Carolina

Analyze for

RUSH/TAT (Pre Schedule)

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.

NOTES/SPECIAL INSTRUCTIONS:

BO # 19205

* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turnaround time commitments; additional charges may be assessed.

¹There may be a charge assessed for TestAmerica disposing of sample remainders.

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
	4/16/10	1545						
Shipped Via:	 FedEx		Shipped Via:	QC Deliverables (Please Circle One):				Date Due of Report:
Received for TestAmerica by:	Date:	Time:	Temperature Upon Receipt:	Sample Containers Intact? Y N	Level 2	Level 3	Level 4	Site Specific
	4/17	8:30		VOCs Free of Headspace? Y N	(If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)			



Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 Fax:(615) 726-3404
,"Reg District (CA)")

Page 1 of 2

Client: Environmental Alliance, Inc (417771)

Address: 10993 S. Richardson Road, Ste 17

City, State, Zip: Ashland VA 23005

Client Invoice Contact: Jason S. Early

Client Project Mgr: Jason S. Early

Client Telephone#: (804) 752-3558

Fax: (804) 752-3559

Sampler Name (Print) MATT RICHLER

SamplerSignature:

TA Account #: 417771

PO #:

Invoice to: Environmental Alliance, Inc (417771)

Report to: Jason S. Early

Project Name: Hancock Country Hams - Franklinville, NC

Facility ID: 2719

Site Address:

North Carolina

Sample ID	Preservative		Matrix		Analyze for	
	(specify)	Other	Sludge	Soil	Water	Other
RW10415101017	Chloride by IC 300.0					
RW20415101525	602 aromatics/MTBE/IPE	X				
RW30415101315	(Black Label) None					
RW40415101255	(Red Label) HNO3					
RW50415101450	(Yellow Label) Glass H2SO4					
RW60415101625	(Yellow Label) Plastic H2SO4					
RW70415101436	(Orange Label) NaOH					
	(Blue Label) HCl	M				
	Sodium Bisulfate					
	Methanol					
	Field Filtered					
	Composite					
	Grab	X				
	# Containers Shipped	5	4	4	4	
	Time Sampled	1057	1525	1315	1255	
	Date Sampled	4/15/10				

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.

NOTES/SPECIAL INSTRUCTIONS: *BO # 19206*

* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn-around time commitments; additional charges may be assessed.

There may be a charge assessed for TestAmerica disposing of sample remainders.

Relinquished by: 	Date: 4/16/16	Time: 1545	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
Shipped Via: 	Shipped Via:			QC Deliverables (Please Circle One):			Date Due of Report:	
Received for TestAmerica by: 	Date: 4/17	Time: 8:30	Temperature Upon Receipt:	Sample Containers Intact? Y N (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)	Level 2	Level 3	Level 4	Site Specific